

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086213.D
 Acq On : 15 Apr 2016 13:25
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:25:58 PM

Quant Time: Apr 15 14:05:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 13:20:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	277897	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1118314	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	504720	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	892445	20.00	ng	0.00
75) Chrysene-d12	14.05	240	551022	20.00	ng	0.00
86) Perylene-d12	15.48	264	447566	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1417990	41.93	ng	0.00
7) Phenol-d6	6.52	99	1866095	43.54	ng	0.00
23) Nitrobenzene-d5	7.46	82	1820870	46.40	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	382629	43.07	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2430914	38.83	ng	0.00
78) Terphenyl-d14	13.00	244	1932751	42.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	438669	49.75	ng	98
3) Pyridine	3.24	79	1110316	48.86	ng	95
4) n-Nitrosodimethylamine	3.18	42	434438	41.04	ng	# 71
6) Aniline	6.56	93	1423676	46.21	ng	100
8) 2-Chlorophenol	6.68	128	887671	45.64	ng	# 80
9) Benzaldehyde	6.44	77	720025	61.64	ng	95
10) Phenol	6.53	94	1191756	44.18	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	934762	49.06	ng	94
12) 1,3-Dichlorobenzene	6.84	146	923353m	43.21	ng	
13) 1,4-Dichlorobenzene	6.91	146	859904	40.10	ng	97
14) 1,2-Dichlorobenzene	7.07	146	815019	40.93	ng	96
15) Benzyl Alcohol	7.04	79	694300	44.23	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1456394	47.23	ng	100
17) 2-Methylphenol	7.15	107	771268	47.98	ng	95
18) Hexachloroethane	7.41	117	345893	44.94	ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	639233	45.66	ng	97
20) 3+4-Methylphenols	7.30	107	758112	42.55	ng	95
22) Acetophenone	7.31	105	1018278	39.11	ng	96
24) Nitrobenzene	7.48	77	1017362	47.31	ng	97
25) Isophorone	7.72	82	1806535	47.32	ng	98
26) 2-Nitrophenol	7.80	139	484844	56.64	ng	# 68
27) 2,4-Dimethylphenol	7.84	122	880799	48.69	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	1066317	48.68	ng	98
29) 2,4-Dichlorophenol	8.03	162	671744	47.20	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	642640	40.99	ng	99
31) Naphthalene	8.20	128	2252089	42.73	ng	100
32) Benzoic acid	7.95	122	642055	60.27	ng	99
33) 4-Chloroaniline	8.25	127	978330	45.28	ng	98
34) Hexachlorobutadiene	8.33	225	335601	40.53	ng	98
35) Caprolactam	8.64	113	271001	56.90	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	729462	45.14	ng	94
37) 2-Methylnaphthalene	8.90	142	1502746	44.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	514405	38.95	ng	98
40) Hexachlorocyclopentadiene	9.05	237	284328	42.44	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	465744	45.78	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	477758	47.15	nq	# 91
45) 1,1'-Biphenyl	9.36	154	1679679	42.55	nq	99
46) 2-Chloronaphthalene	9.38	162	1389302	43.02	nq	99
47) 2-Nitroaniline	9.47	65	473933	51.07	nq	99
48) Acenaphthylene	9.80	152	2291165	46.75	nq	100
49) Dimethylphthalate	9.66	163	1625757	43.29	nq	100
50) 2,6-Dinitrotoluene	9.72	165	408607	51.39	nq	# 85
51) Acenaphthene	9.97	154	1347424	42.31	nq	100
52) 3-Nitroaniline	9.88	138	499839	54.48	nq	99
53) 2,4-Dinitrophenol	9.98	184	148282	64.25	nq	92
54) Dibenzofuran	10.14	168	1832517	46.83	nq	96
55) 4-Nitrophenol	10.03	139	383479	57.37	nq	94
56) 2,4-Dinitrotoluene	10.12	165	550797	54.14	nq	# 87
57) Fluorene	10.49	166	1279099	40.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	333786	46.90	nq	98
59) Diethylphthalate	10.36	149	1665225	43.59	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	502112	33.83	nq	95
61) 4-Nitroaniline	10.50	138	409156	47.28	nq	92
62) Azobenzene	10.64	77	1718186	44.94	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	222266	64.98	nq	96
65) n-Nitrosodiphenylamine	10.59	169	1272369	46.26	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	370024	41.57	nq	# 91
67) Hexachlorobenzene	11.02	284	408582	40.82	nq	95
68) Atrazine	11.13	200	422978	52.01	nq	94
69) Pentachlorophenol	11.22	266	268829	51.07	nq	99
70) Phenanthrene	11.45	178	2066850	44.34	nq	99
71) Anthracene	11.49	178	1822859	39.59	nq	100
72) Carbazole	11.64	167	1868954	44.76	nq	99
73) Di-n-butylphthalate	11.98	149	2293135	46.64	nq	99
74) Fluoranthene	12.62	202	1799083	41.77	nq	98
76) Benzidine	12.75	184	1169269	61.72	nq	99
77) Pyrene	12.85	202	1893688	45.80	nq	99
79) Butylbenzylphthalate	13.48	149	1027261	61.24	nq	87
80) Benzo(a)anthracene	14.04	228	1383389	45.37	nq	100
81) 3,3'-Dichlorobenzidine	14.01	252	765868	38.20	nq	99
82) Chrysene	14.08	228	1391729	43.66	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	991482	50.33	nq	# 98
84) Di-n-octyl phthalate	14.65	149	2080449	57.60	nq	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1332751	52.83	nq	96
87) Benzo(b)fluoranthene	15.07	252	1202279m	44.24	nq	
88) Benzo(k)fluoranthene	15.11	252	1303893m	50.94	nq	
89) Benzo(a)pyrene	15.43	252	1160092	48.67	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	1090479	51.42	nq	100
91) Benzo(g,h,i)perylene	17.32	276	1178573	53.45	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

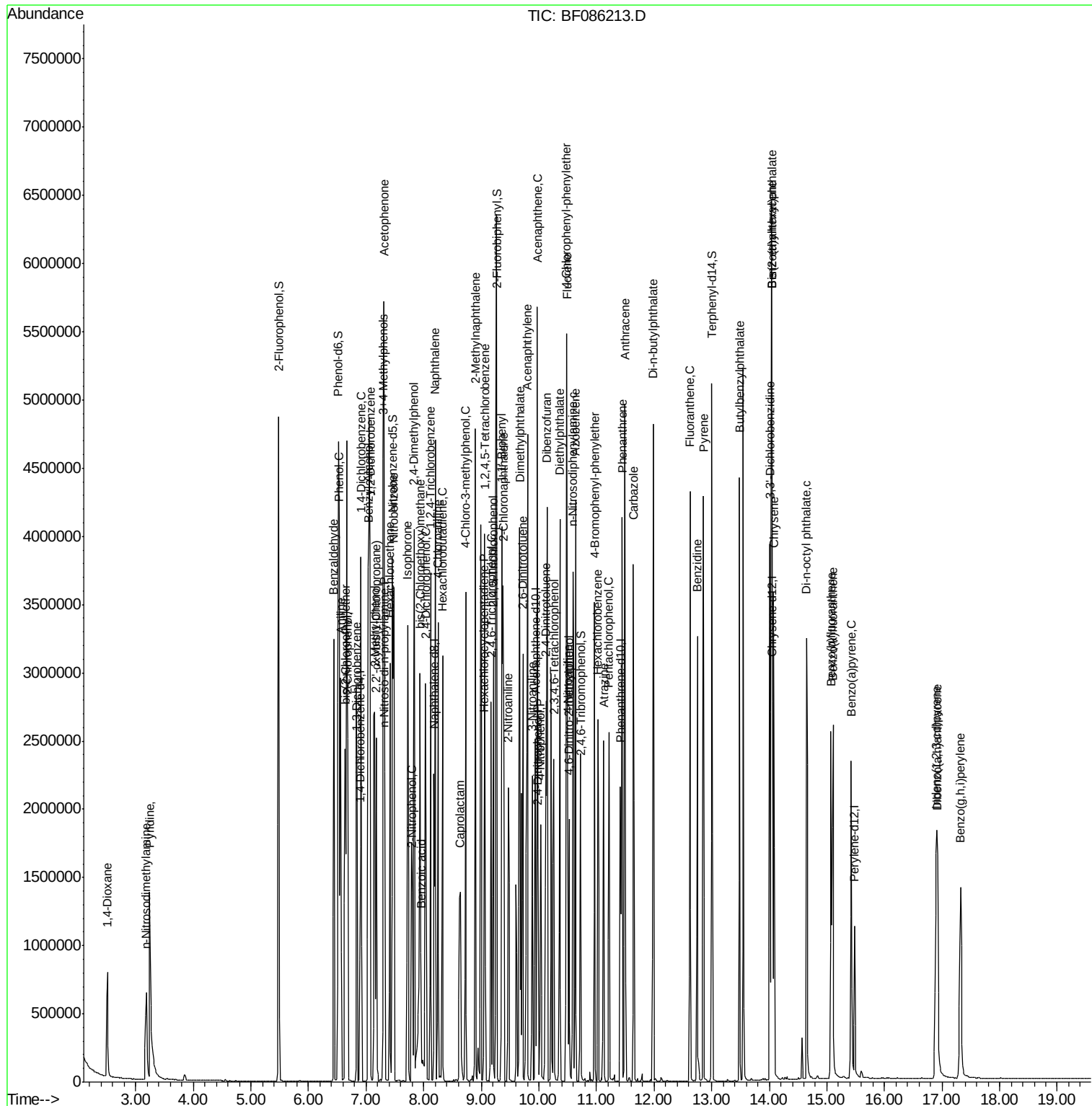
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\  
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Sample    : SSTDICC050  
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ALS Vial  : 6      Sample Multiplier: 1
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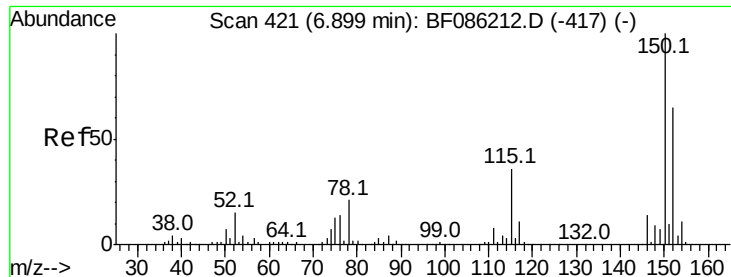
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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#1

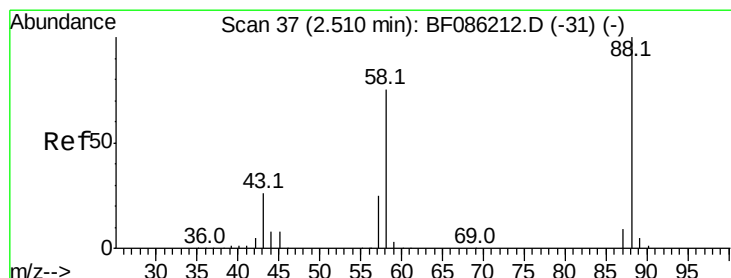
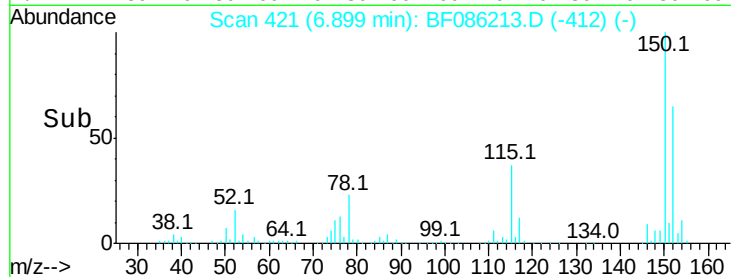
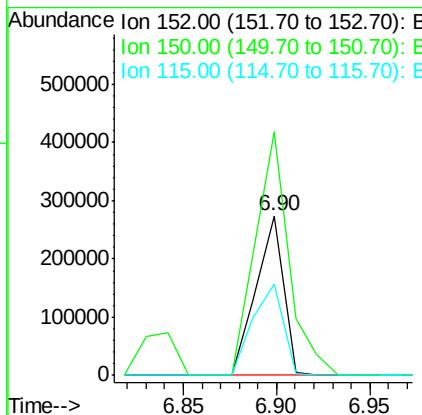
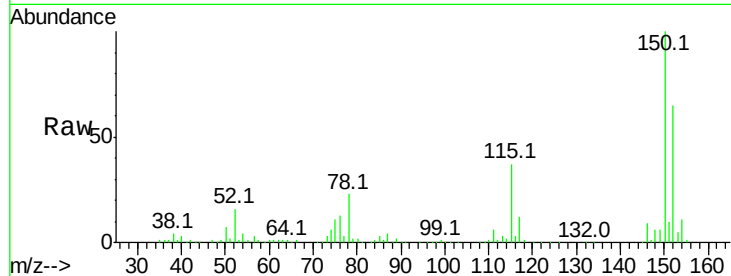
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.1	186.1
115	57.3	43.9	65.9

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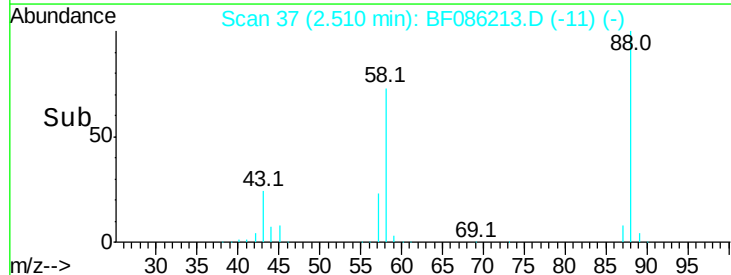
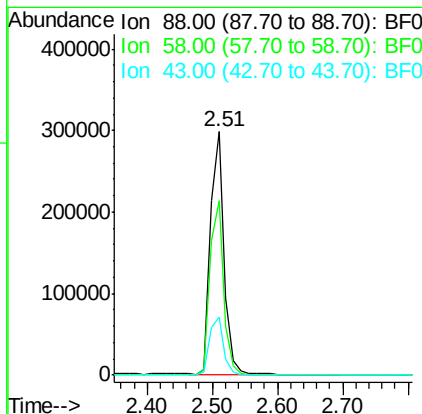
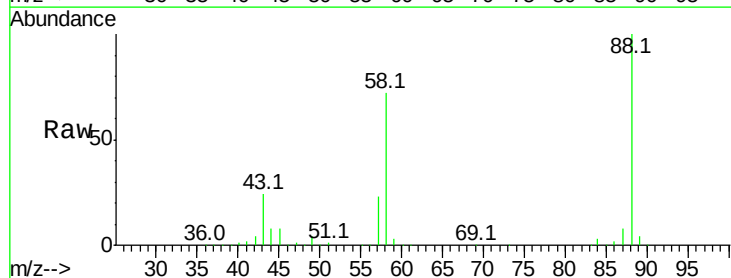
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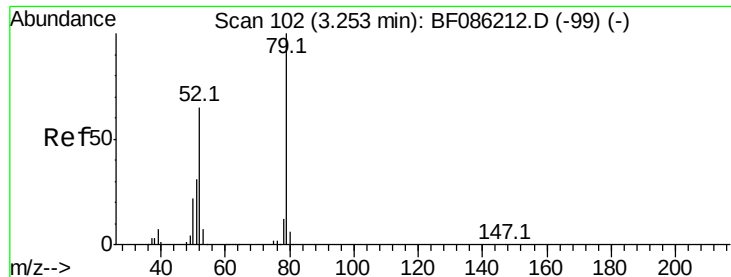


#2

1,4-Dioxane
Concen: 49.75 ng
RT: 2.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	58.4	87.6
43	24.9	23.3	34.9





#3

Pvridine

Concen: 48.86 ng

RT: 3.24 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 1110316

Ion Ratio Lower Upper

79 100

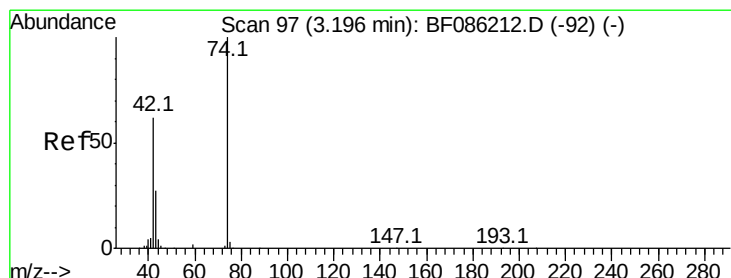
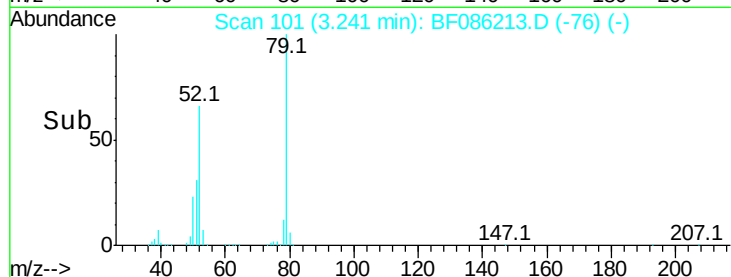
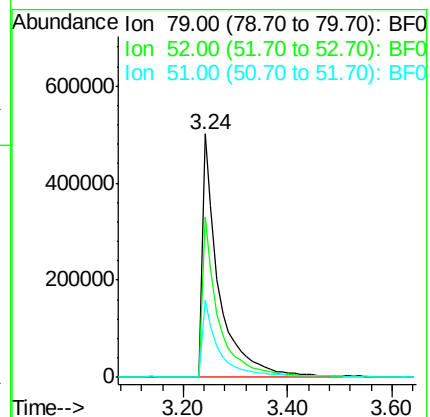
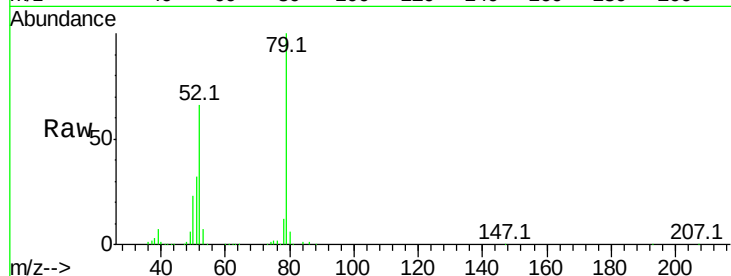
52 66.1 55.4 83.2

51 31.7 28.1 42.1

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#4

n-Nitrosodimethylamine

Concen: 41.04 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

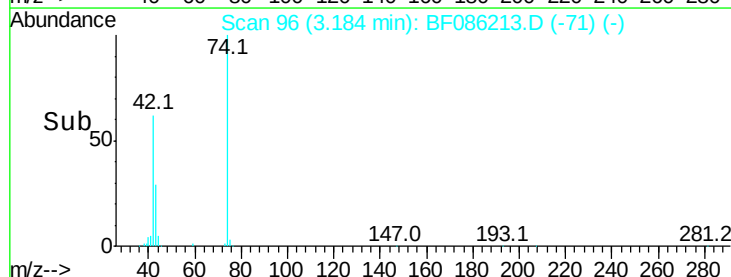
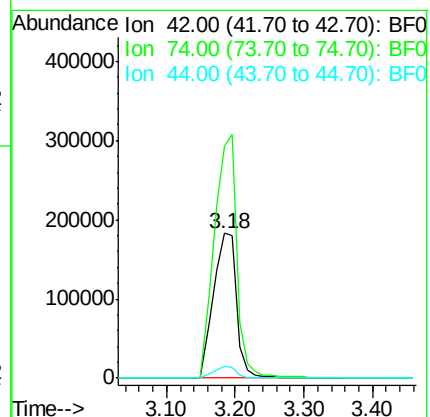
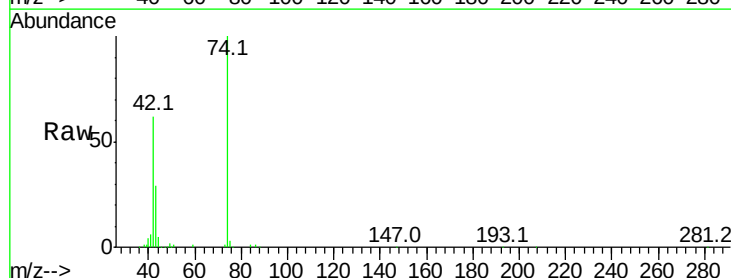
Tgt Ion: 42 Resp: 434438

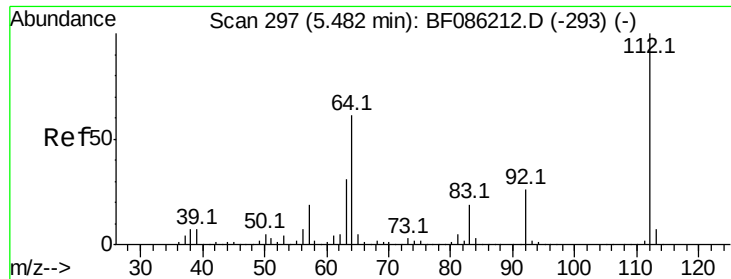
Ion Ratio Lower Upper

42 100

74 160.7 100.5 150.7#

44 8.1 5.4 8.0#





#5

2-Fluorophenol

Concen: 41.93 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 1417990

Ion Ratio Lower Upper

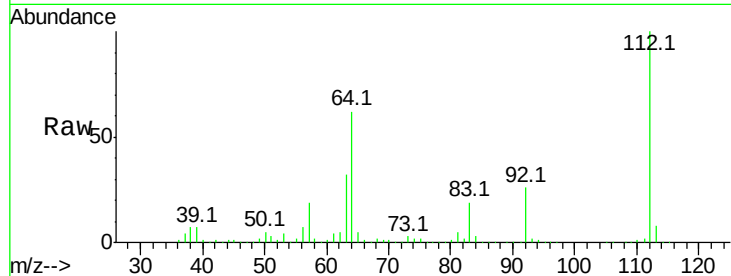
112 100

64 61.8 48.1 72.1

63 32.1 25.5 38.3

Manual Integrations
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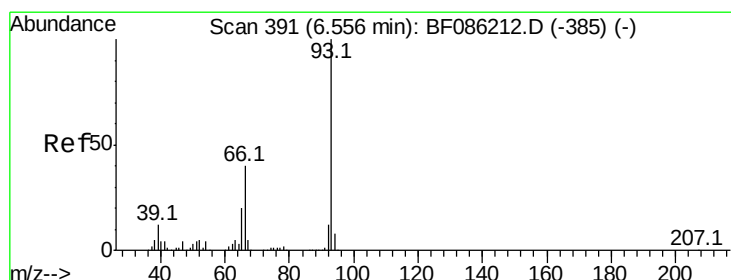
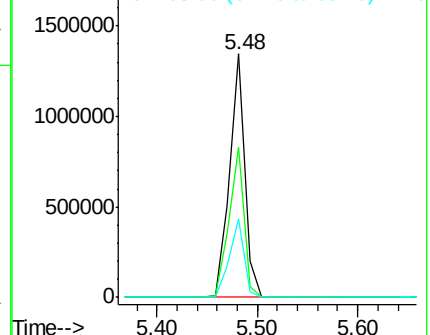
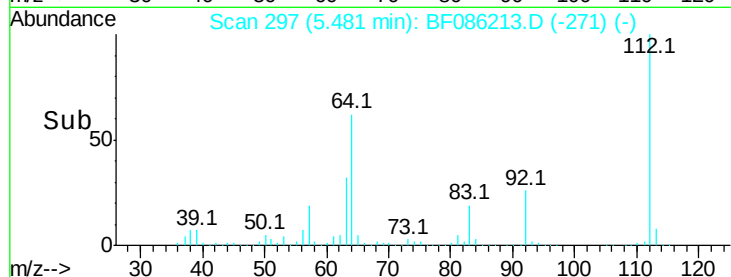
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.21 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

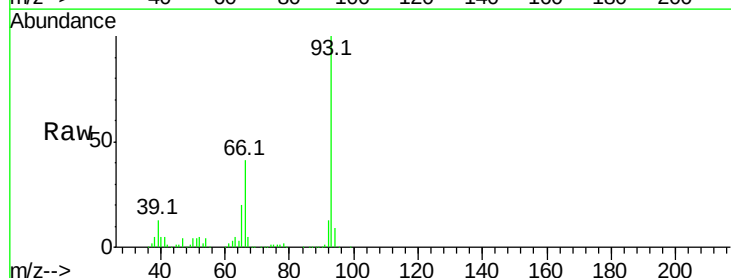
Tgt Ion: 93 Resp: 1423676

Ion Ratio Lower Upper

93 100

66 40.5 32.2 48.2

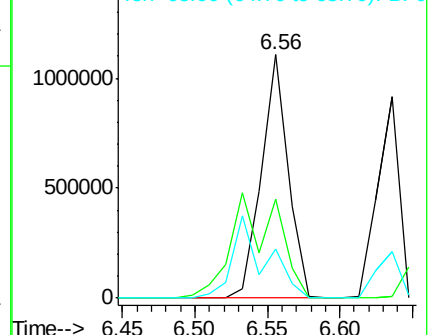
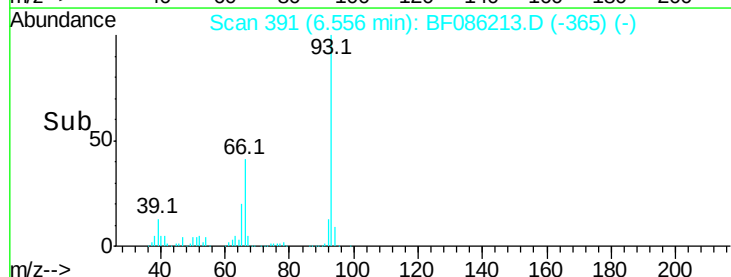
65 20.4 16.4 24.6

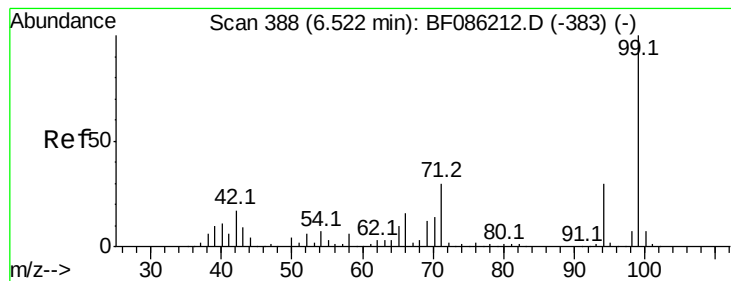


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.54 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1866095

Ion Ratio Lower Upper

99 100

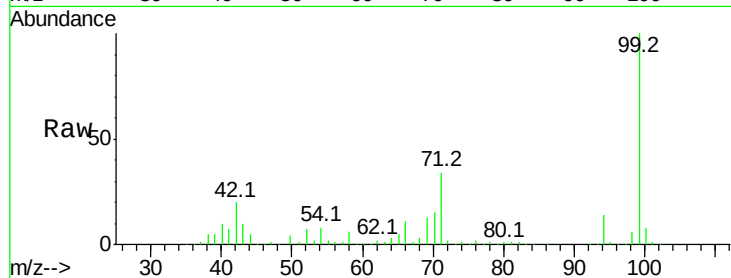
42 20.3 15.4 23.2

71 33.9 25.6 38.4

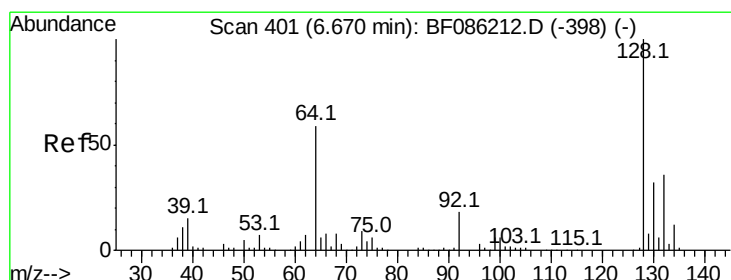
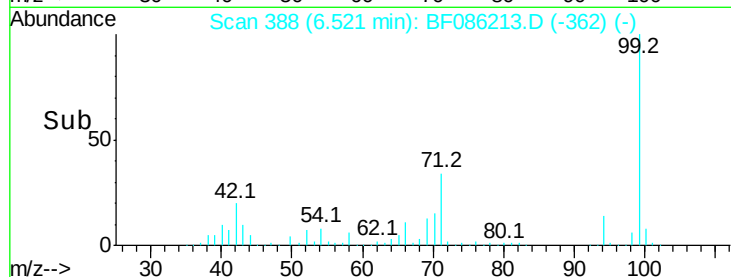
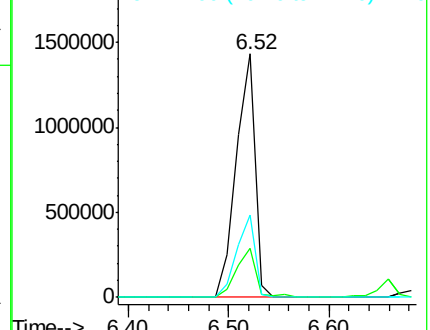
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.64 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

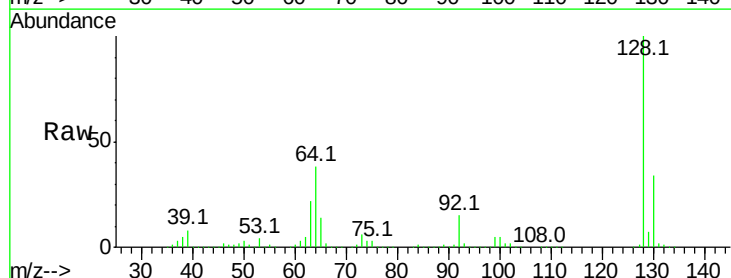
Tgt Ion: 128 Resp: 887671

Ion Ratio Lower Upper

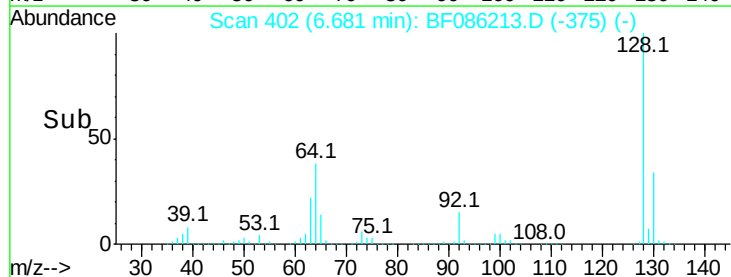
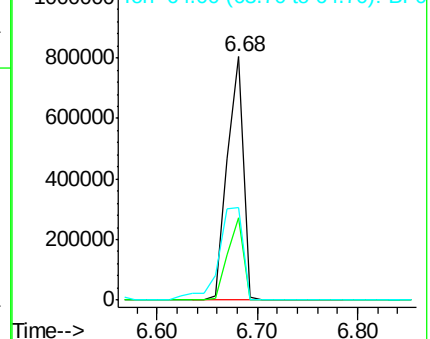
128 100

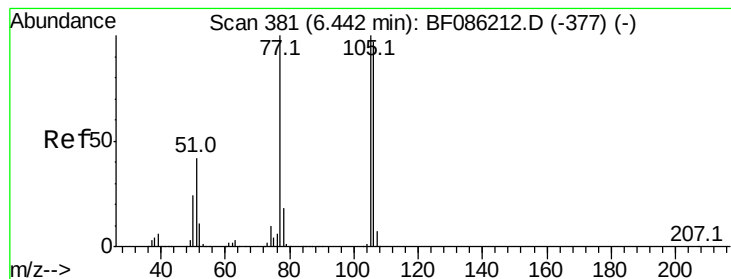
130 33.8 11.8 51.8

64 38.2 39.5 79.5#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 61.64 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

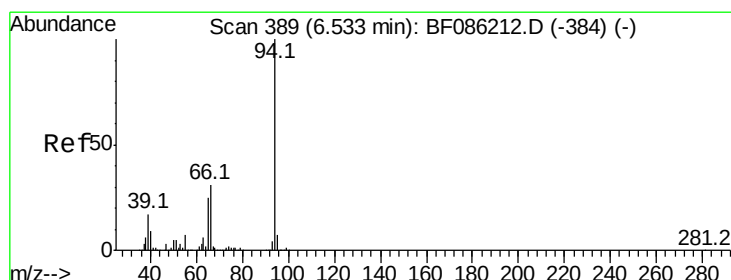
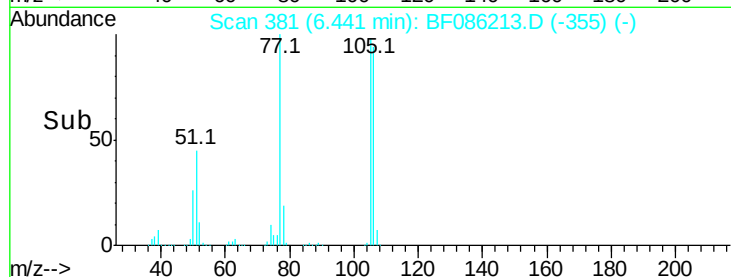
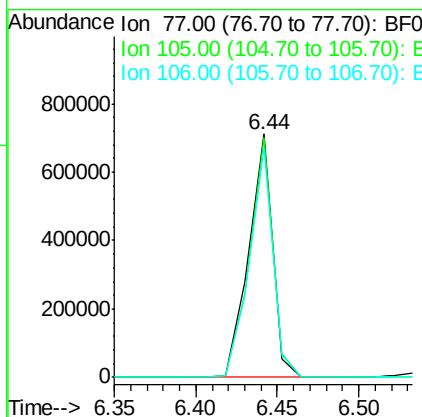
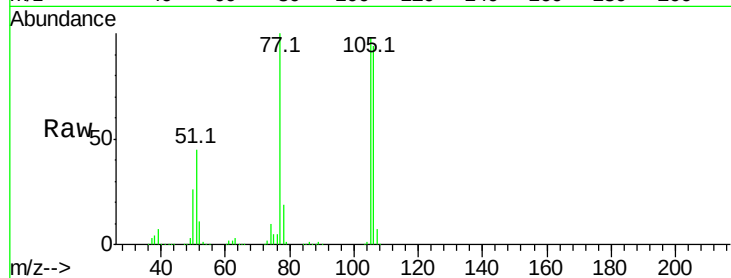
ClientSampleId :

SSTDIC050

Tot Ion:	77	Resp:	720025
Ion Ratio	Lower	Upper	
77	100		
105	98.4	84.6	124.6
106	94.2	78.6	118.6

Manual Integrations
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#10

Phenol

Concen: 44.18 ng

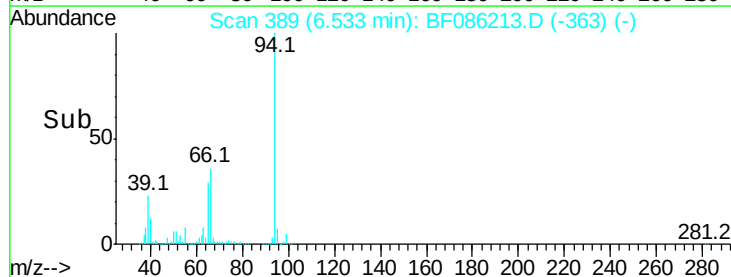
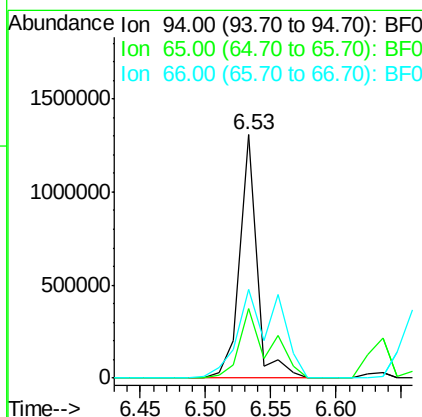
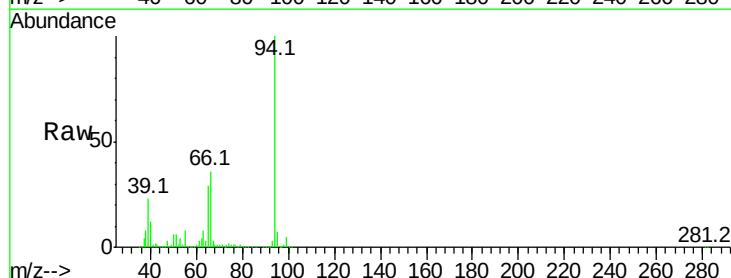
RT: 6.53 min Scan# 389

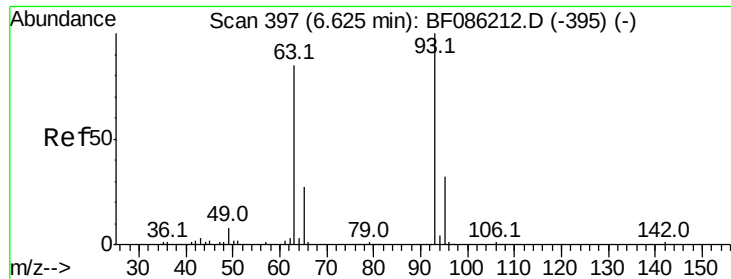
Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion:	94	Resp:	1191756
Ion Ratio	Lower	Upper	
94	100		
65	28.7	7.9	47.9
66	36.5	16.5	56.5





#11

bis(2-Chloroethyl)ether

Concen: 49.06 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

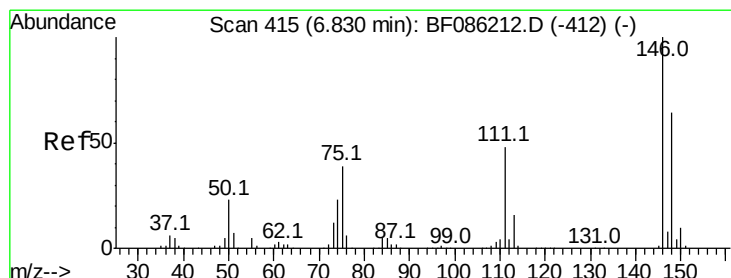
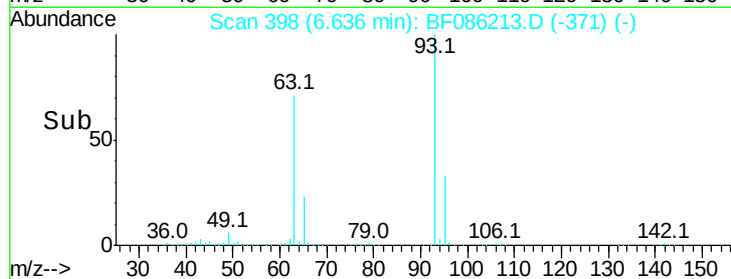
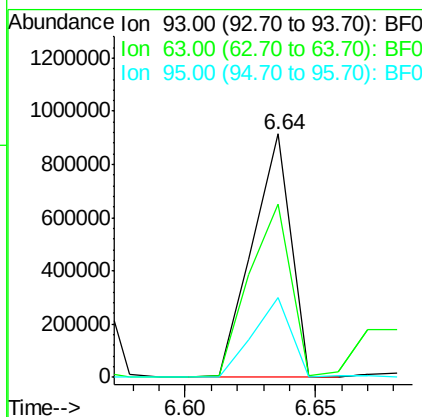
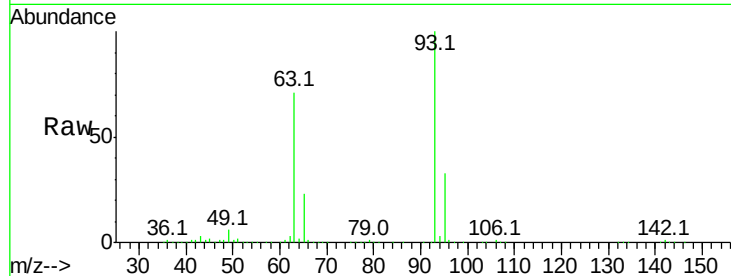
ClientSampleId :

SSTDICC050

Tot Ion	93	Resp	934762
Ion Ratio	100	Lower	Upper
93	100		
63	71.2	44.4	84.4
95	32.9	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 43.21 ng m

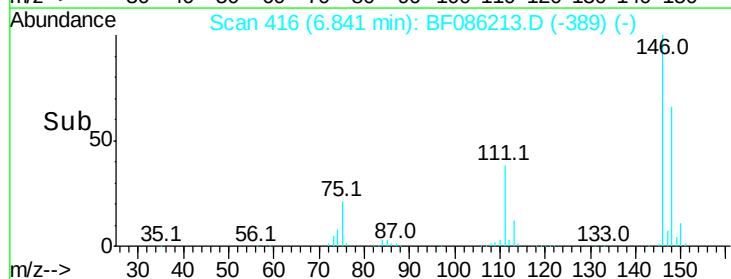
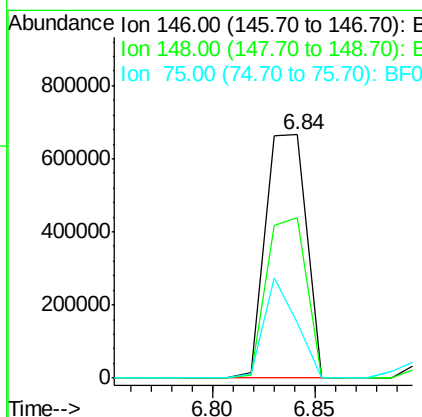
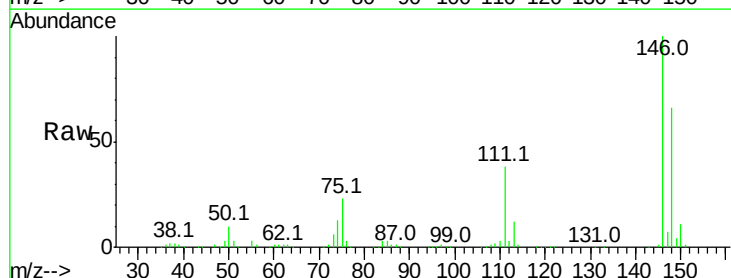
RT: 6.84 min Scan# 416

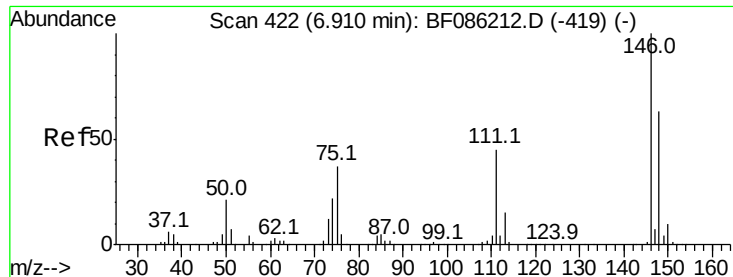
Delta R.T. 0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion	146	Resp	923353
Ion Ratio	100	Lower	Upper
146	100		
148	65.9	51.0	76.4
75	23.0	29.9	44.9#





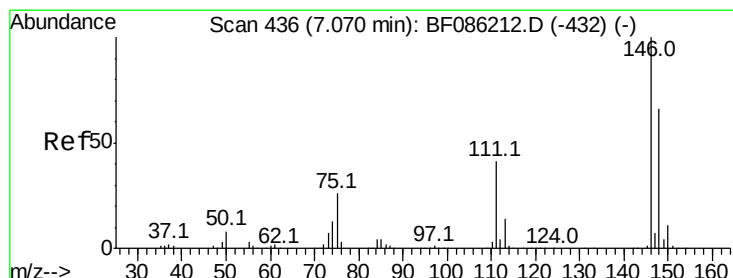
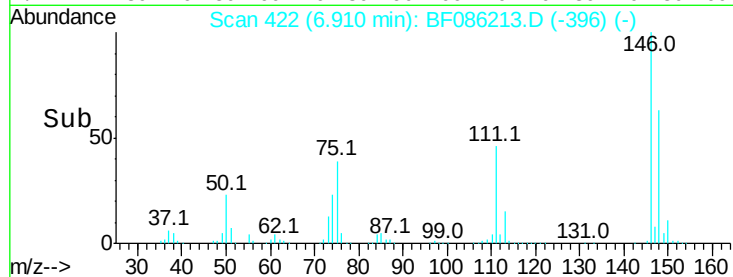
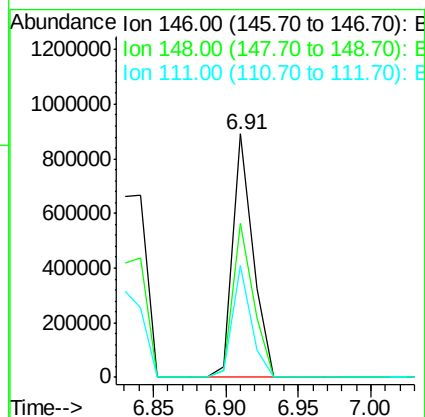
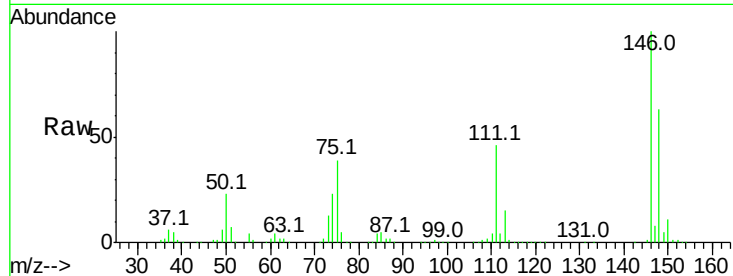
#13
 1,4-Dichlorobenzene
 Concen: 40.10 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
111	46.0	34.9	52.3

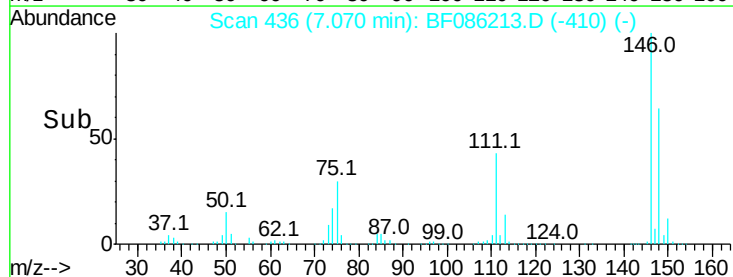
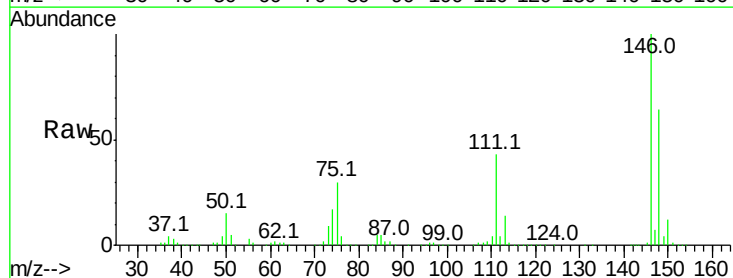
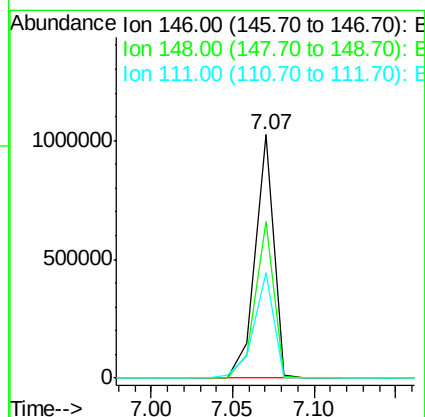
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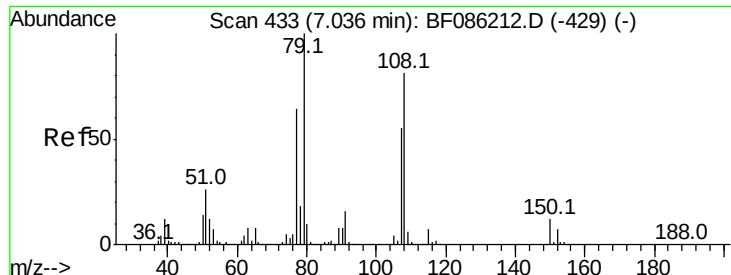
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#14
 1,2-Dichlorobenzene
 Concen: 40.93 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	43.3	31.0	46.4





#15

Benzyl Alcohol

Concen: 44.23 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

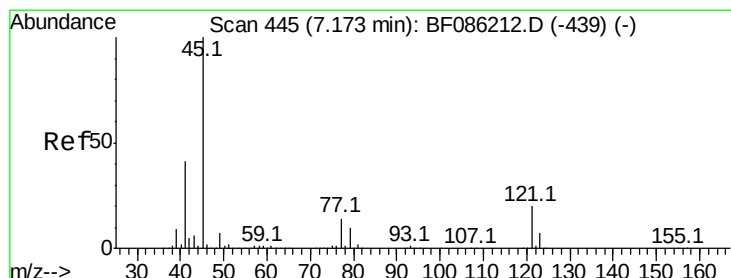
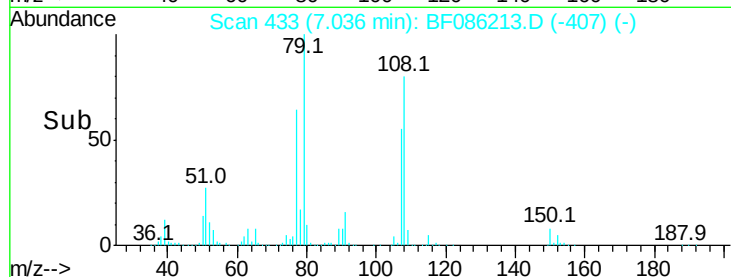
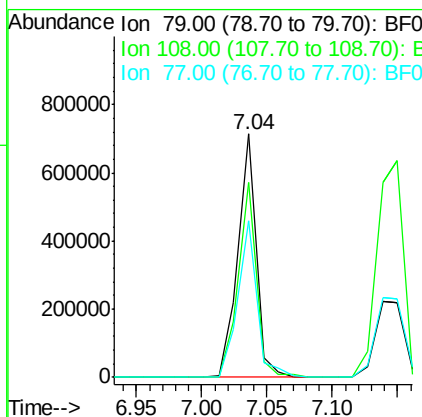
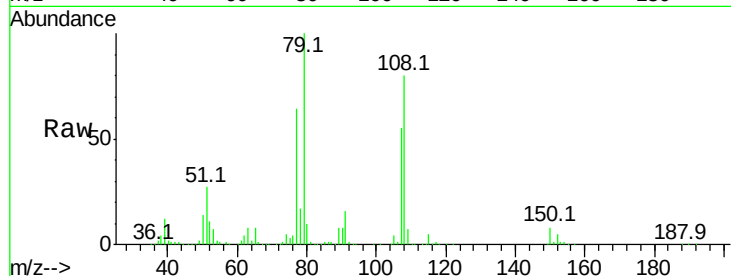
ClientSampleId :

SSTDICC050

Tot Ion:	79	Resp:	694300
Ion Ratio	Lower	Upper	
79	100		
108	80.2	64.8	97.2
77	64.1	51.9	77.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.23 ng

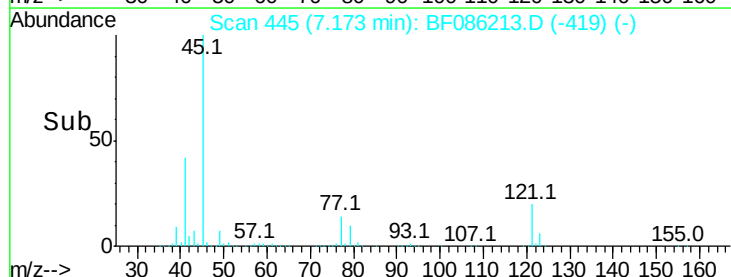
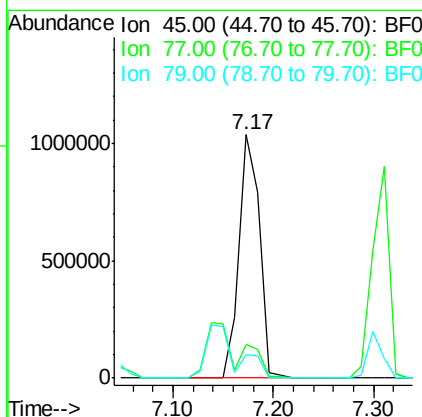
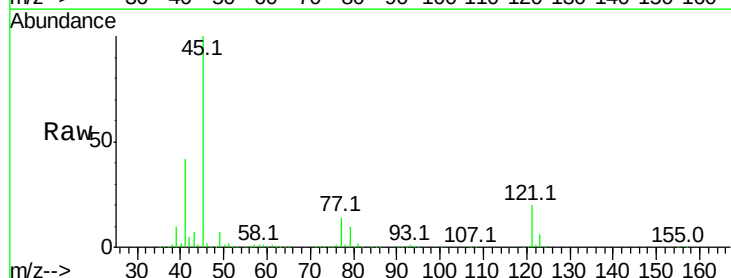
RT: 7.17 min Scan# 445

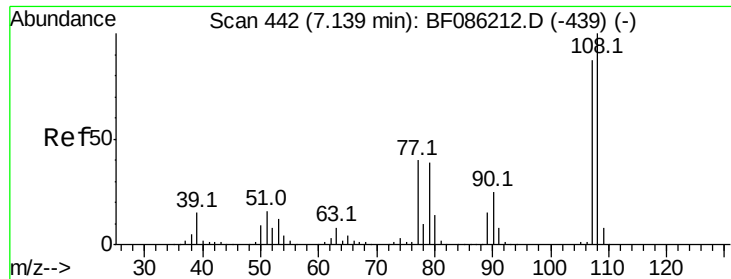
Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion:	45	Resp:	1456394
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	33.7
79	9.9	0.0	30.1





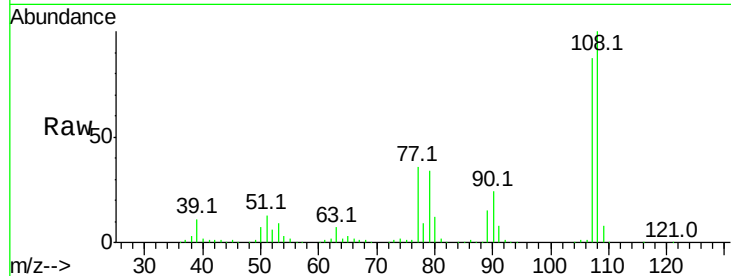
#17
2-Methylphenol
Concen: 47.98 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

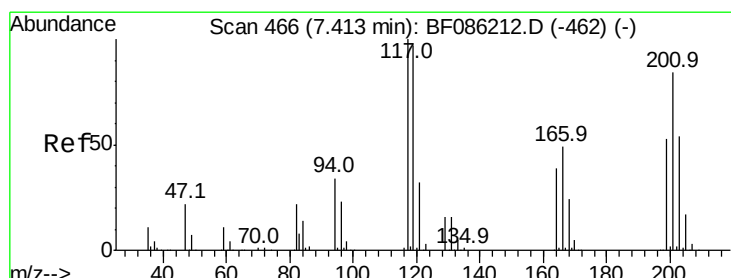
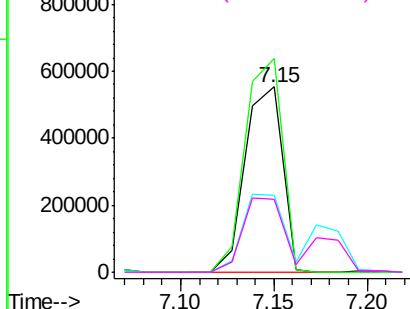
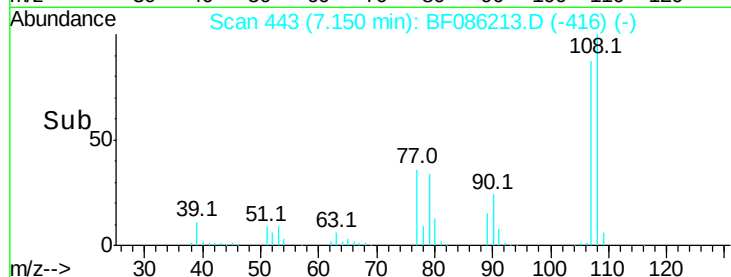
Tot Ion:	107	Resp:	771268
Ion Ratio	Lower	Upper	
107	100		
108	115.2	92.7	139.1
77	41.7	39.6	59.4
79	39.3	37.4	56.2

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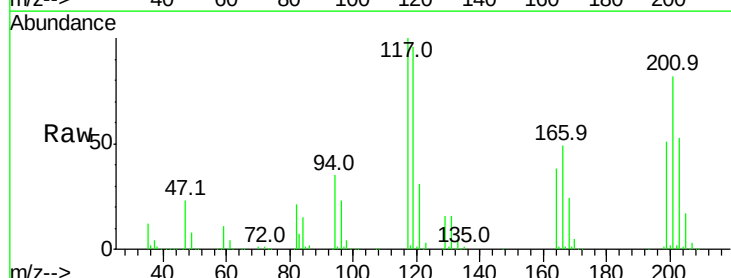


Abundance Ion 107.00 (106.70 to 107.70): E
1000000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

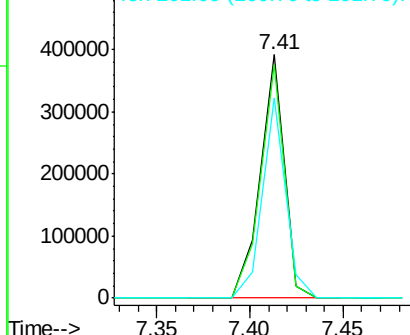
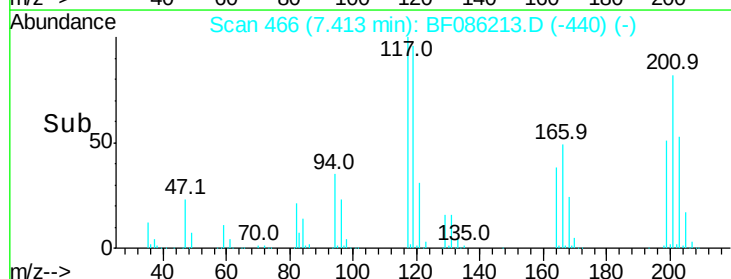


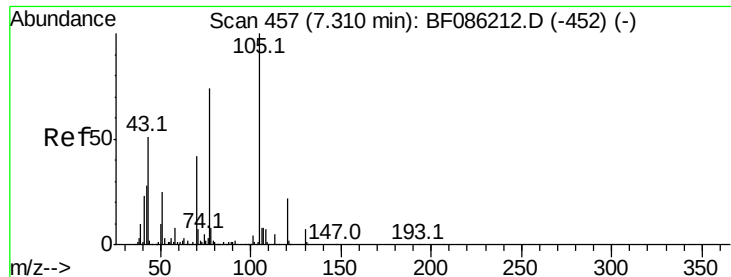
#18
Hexachloroethane
Concen: 44.94 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion:	117	Resp:	345893
Ion Ratio	Lower	Upper	
117	100		
119	96.1	78.2	117.4
201	82.3	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
500000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





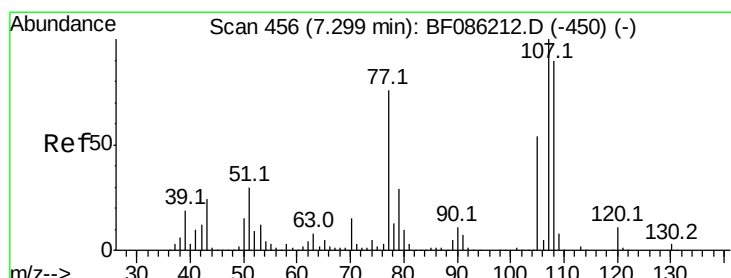
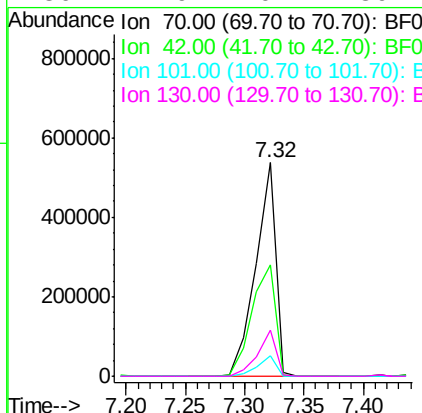
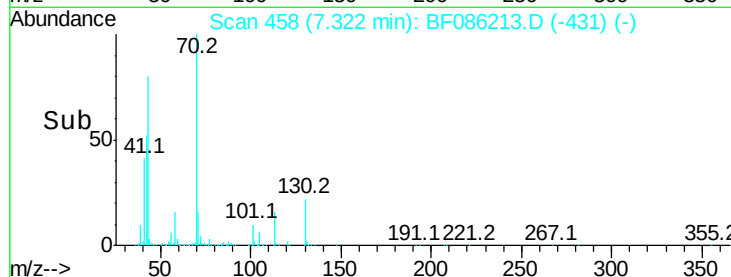
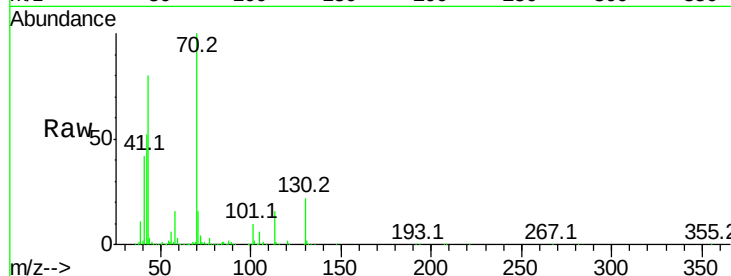
#19
n-Nitroso-di-n-propylamine
Concen: 45.66 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		639233		
42	52.1	43.0	64.4		
101	9.9	8.1	12.1		
130	21.9	20.1	30.1		

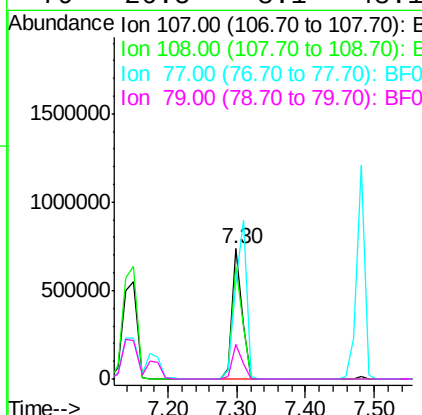
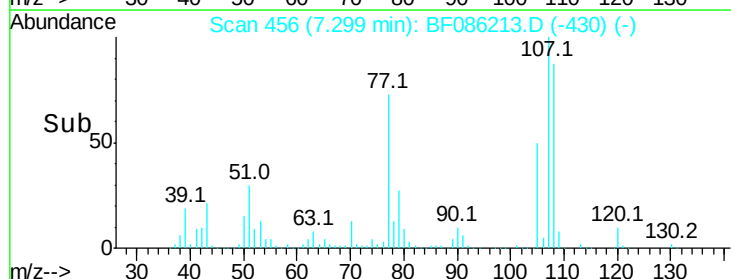
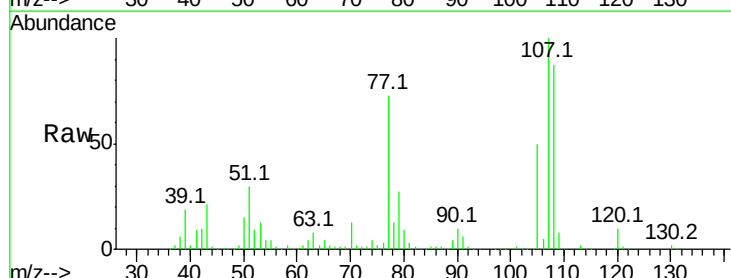
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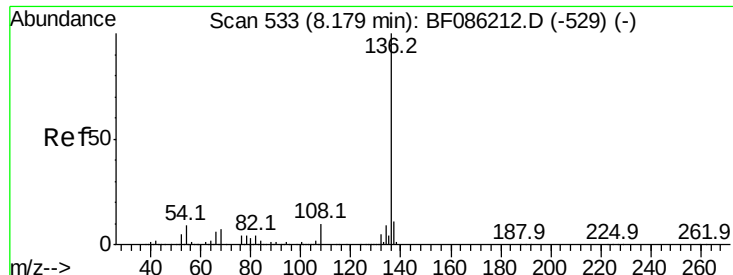
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#20
3+4-Methylphenols
Concen: 42.55 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		758112		
108	86.9	69.7	109.7		
77	73.4	60.5	100.5		
79	26.5	8.1	48.1		





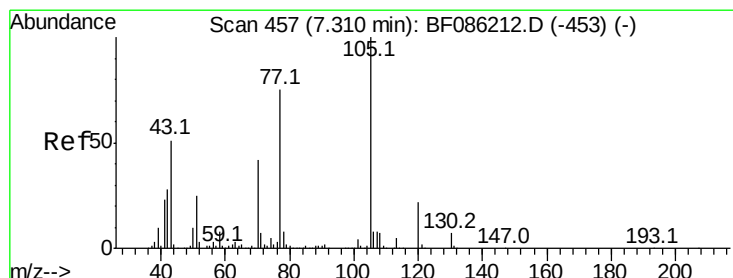
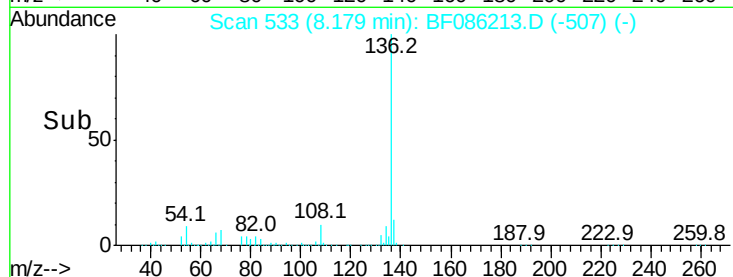
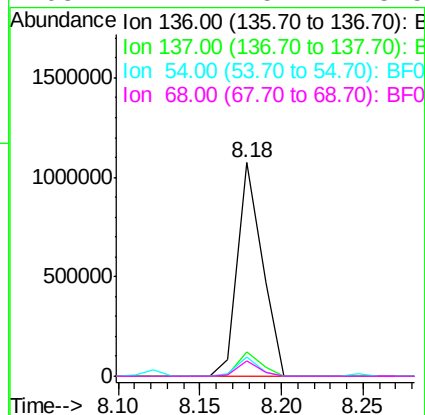
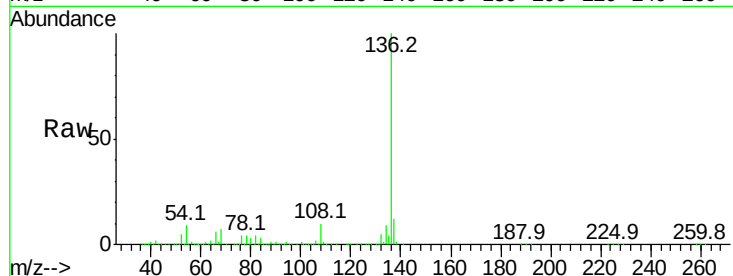
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.1	7.3	10.9
68	7.4	5.7	8.5

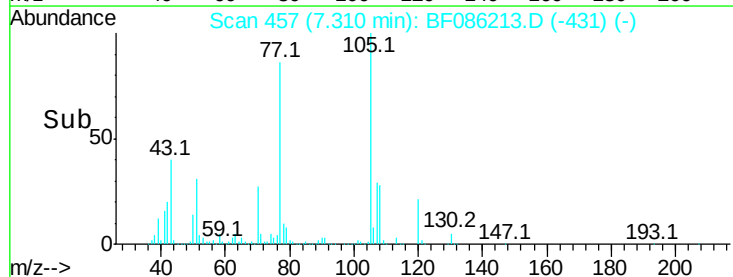
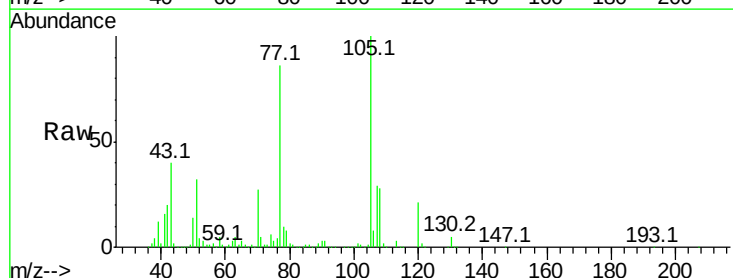
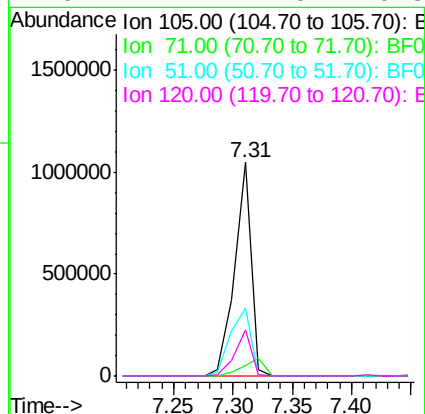
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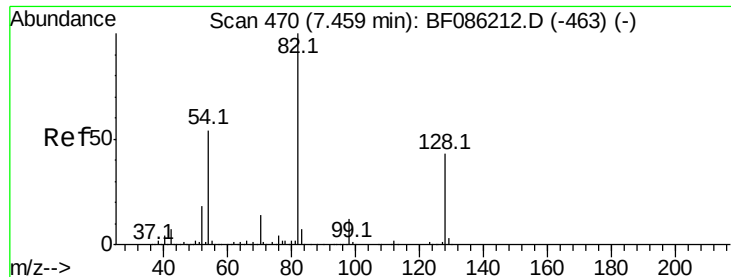
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#22
Acetophenone
Concen: 39.11 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.0	6.0
51	31.6	22.0	33.0
120	21.4	17.5	26.3





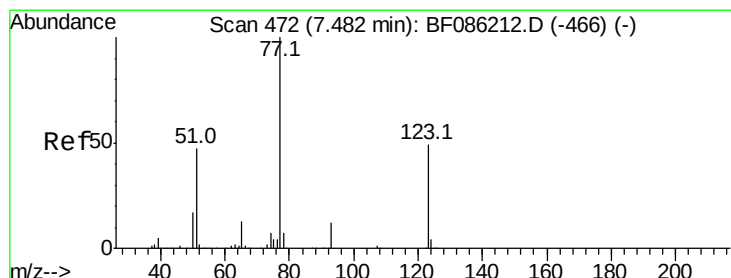
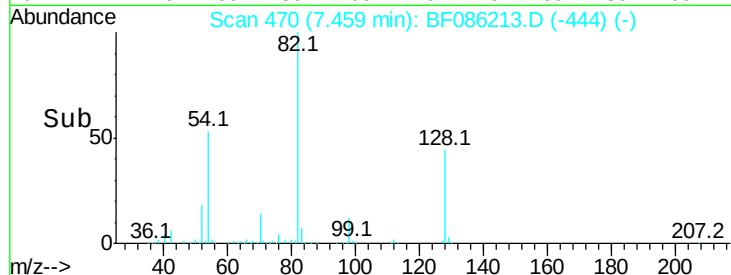
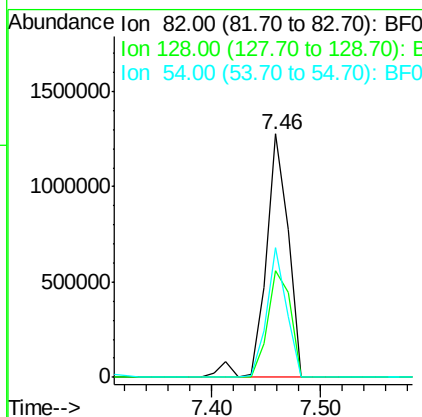
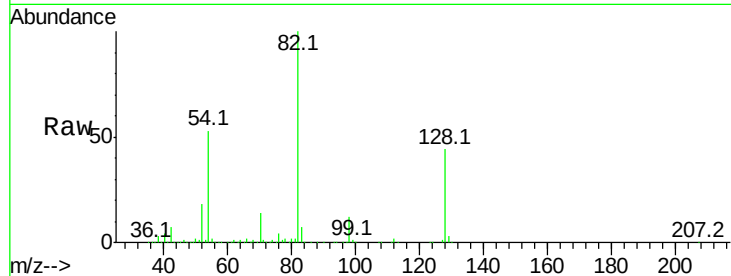
#23
 Nitrobenzene-d5
 Concen: 46.40 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	82	Resp	1820870
Ion Ratio	100	Lower	Upper
128	43.6	35.4	53.2
54	53.3	43.4	65.0

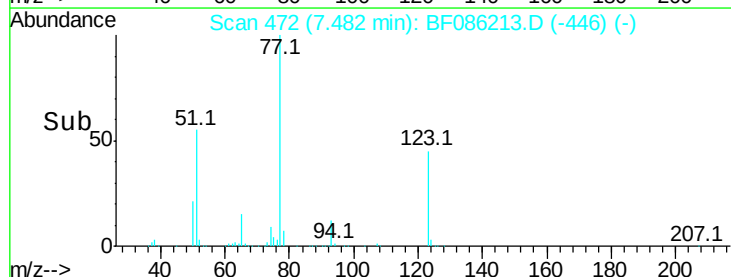
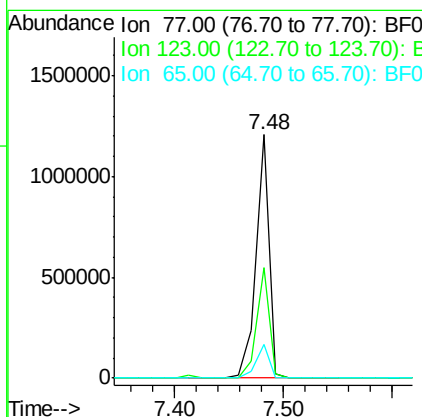
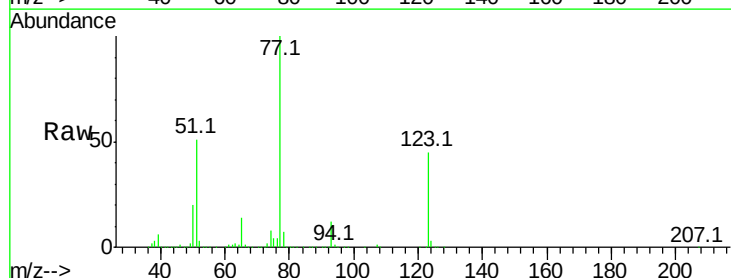
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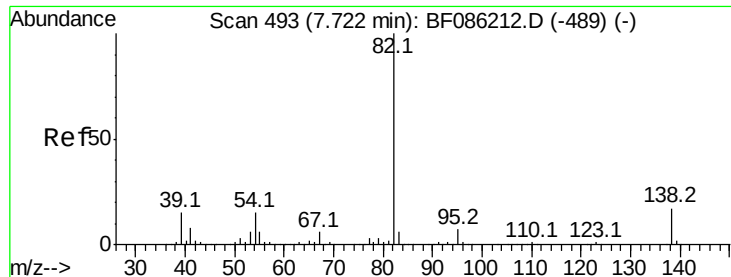
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#24
 Nitrobenzene
 Concen: 47.31 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Tgt Ion	77	Resp	1017362
Ion Ratio	100	Lower	Upper
123	45.3	38.3	57.5
65	13.9	11.3	16.9





#25

Isophorone

Concen: 47.32 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1806535

Ion Ratio Lower Upper

82 100

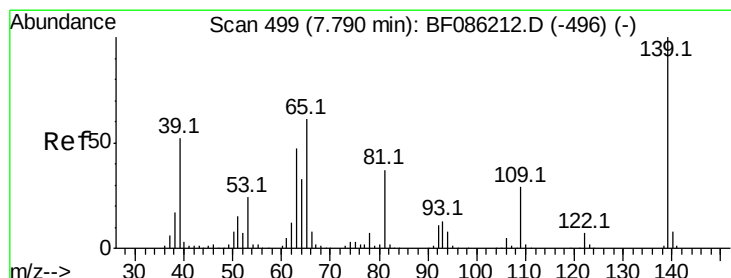
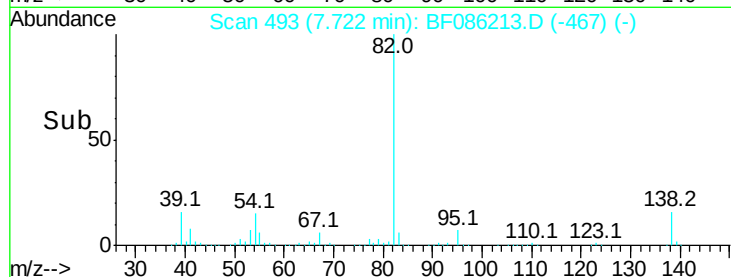
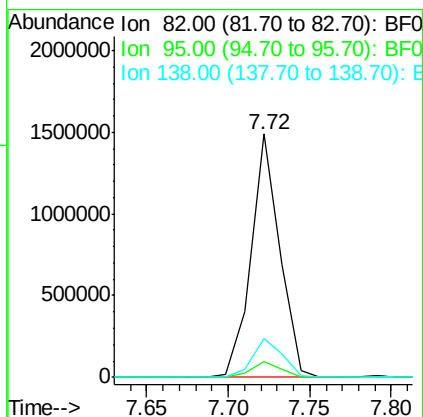
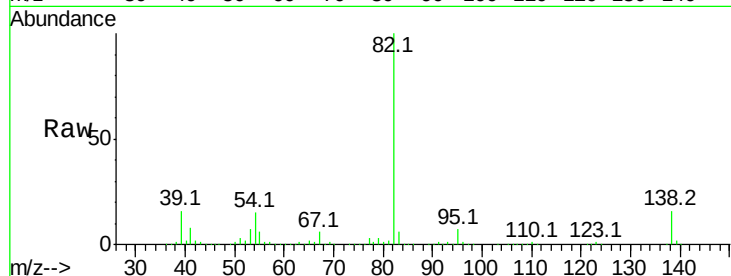
95 6.5 5.4 8.2

138 15.8 13.4 20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.64 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

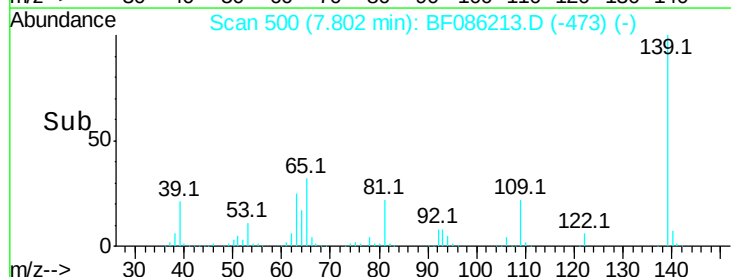
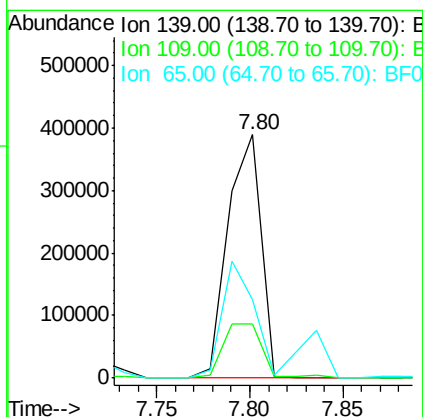
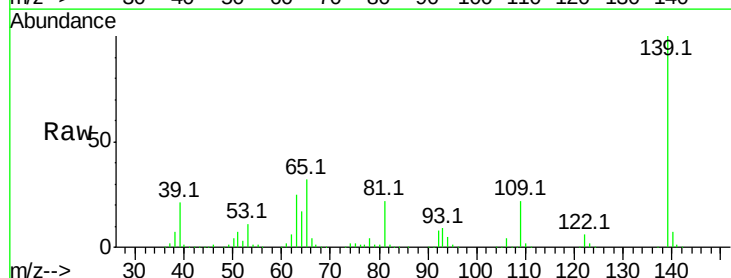
Tgt Ion: 139 Resp: 484844

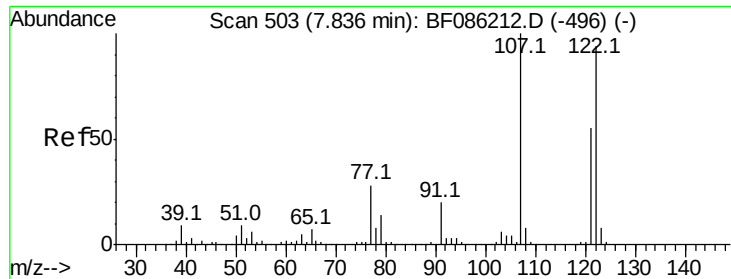
Ion Ratio Lower Upper

139 100

109 22.1 25.8 38.8#

65 32.0 50.2 75.2#





#27

2,4-Dimethylphenol

Concen: 48.69 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

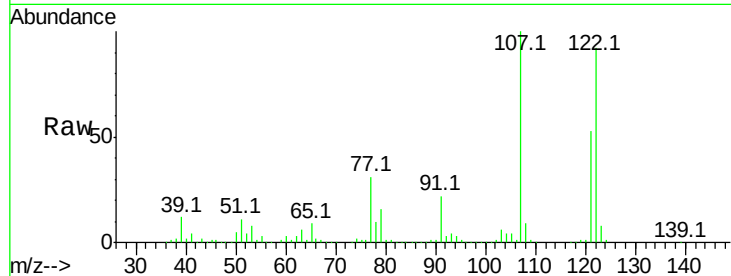
ClientSampleId :

SSTDICC050

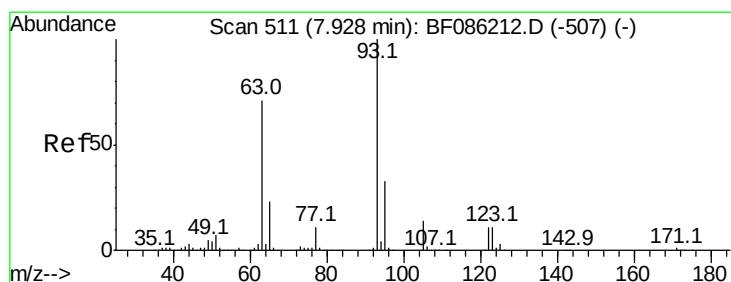
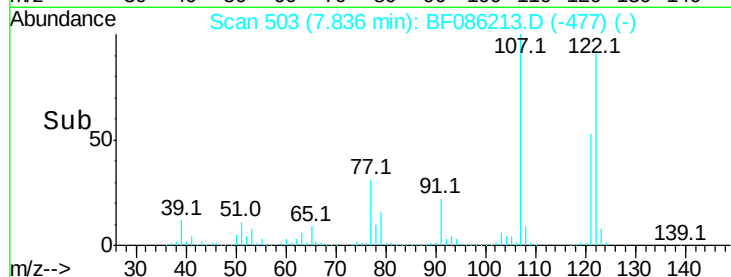
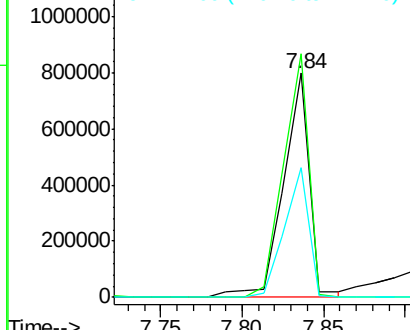
Tot Ion:	122	Resp:	880799
Ion Ratio	Lower	Upper	
122	100		
107	108.7	85.8	128.6
121	58.1	47.1	70.7

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.68 ng

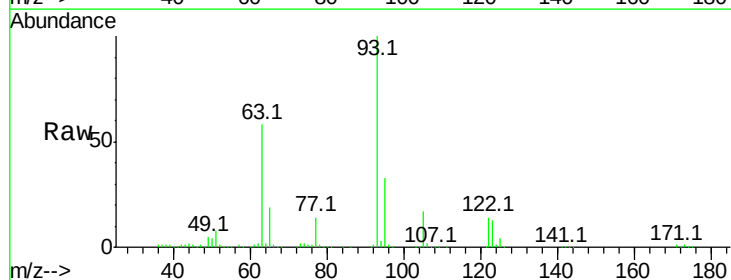
RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

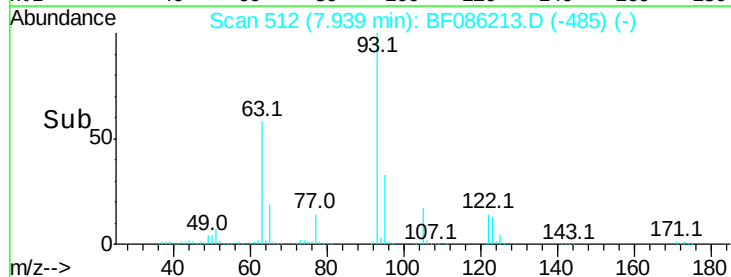
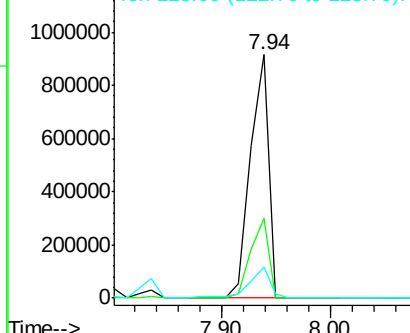
Lab File: BF086213.D

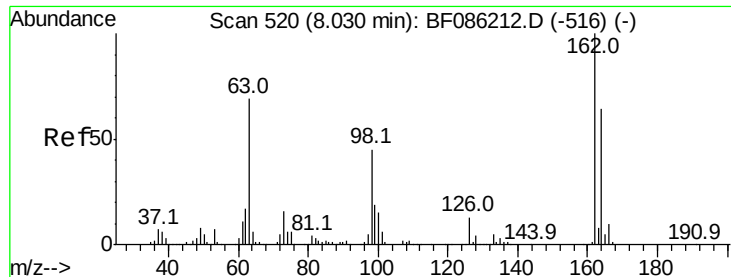
Acq: 15 Apr 2016 13:25

Tgt Ion:	93	Resp:	1066317
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.8
123	13.0	8.9	13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.20 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

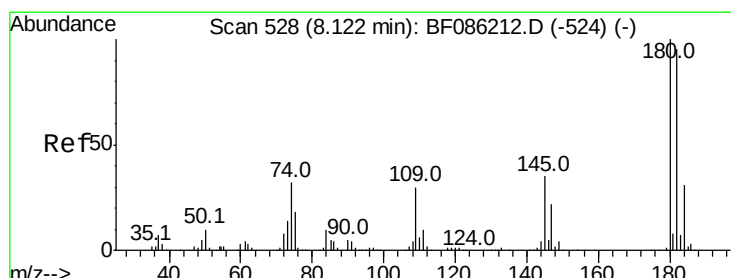
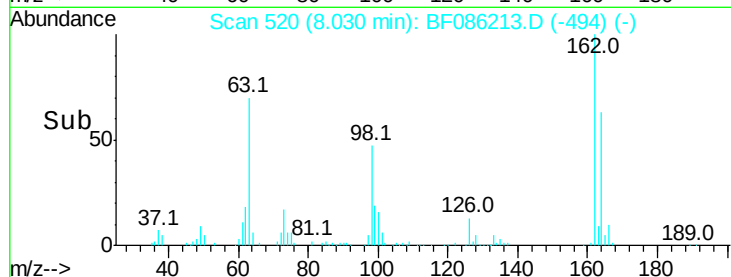
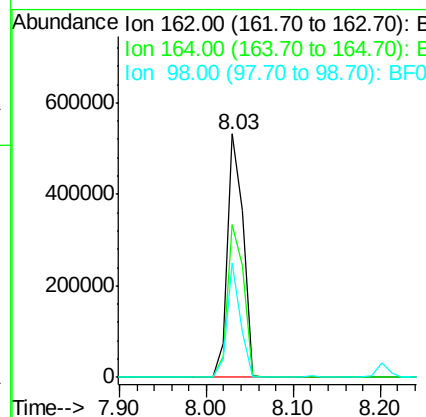
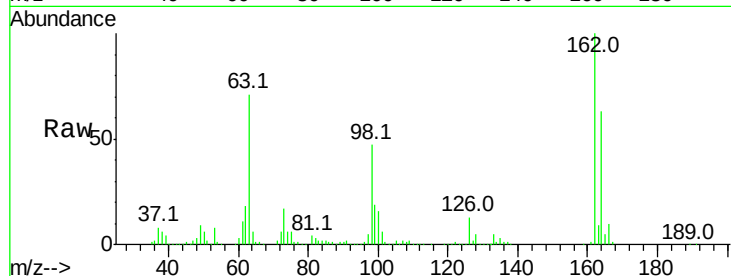
ClientSampleId :

SSTDIC050

Tot Ion:	162	Resp:	671744
Ion Ratio	Lower	Upper	
162	100		
164	62.9	43.3	83.3
98	46.7	22.9	62.9

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#30

1,2,4-Trichlorobenzene

Concen: 40.99 ng

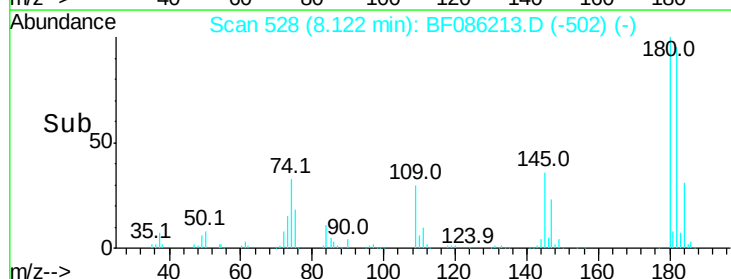
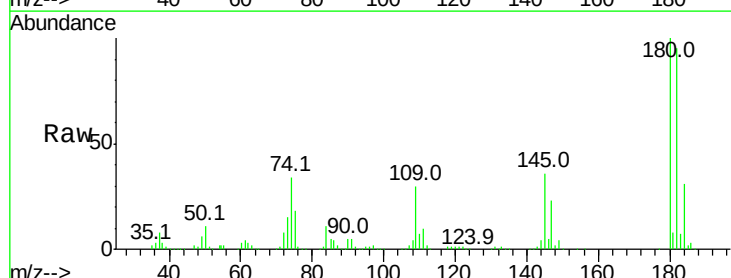
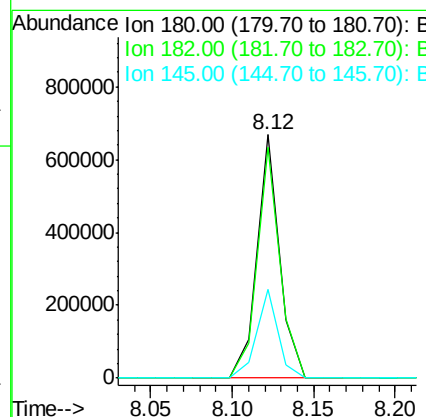
RT: 8.12 min Scan# 528

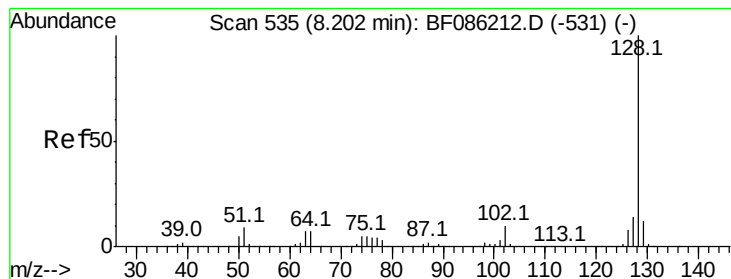
Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion:	180	Resp:	642640
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.3	114.5
145	36.4	27.4	41.2





#31

Naphthalene

Concen: 42.73 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 2252089

Ion Ratio Lower Upper

128 100

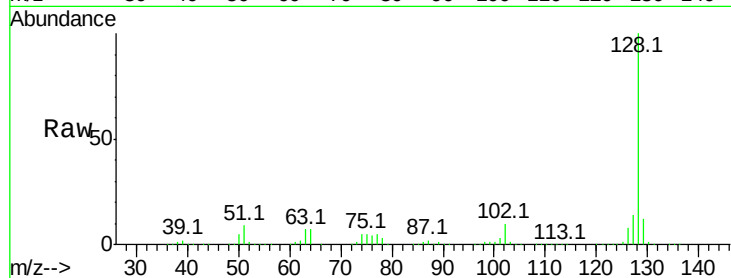
129 11.9 9.6 14.4

127 14.2 11.4 17.2

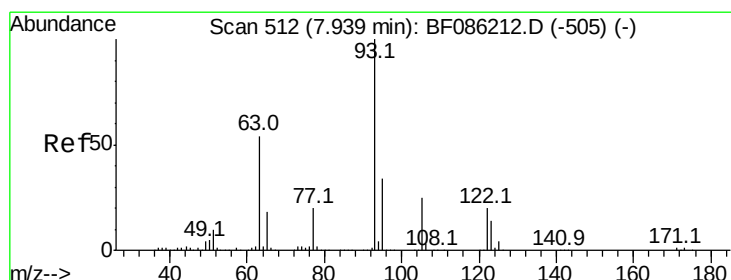
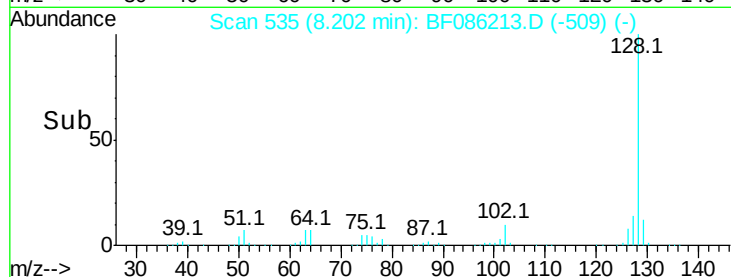
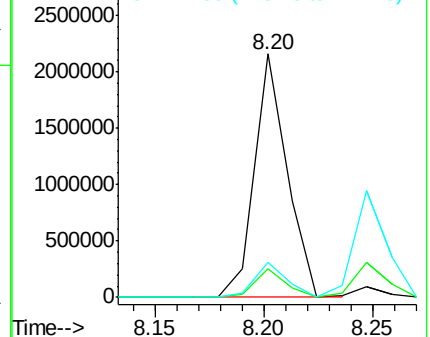
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.27 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

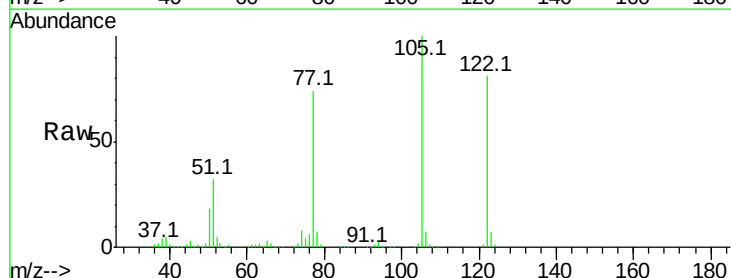
Tgt Ion:122 Resp: 642055

Ion Ratio Lower Upper

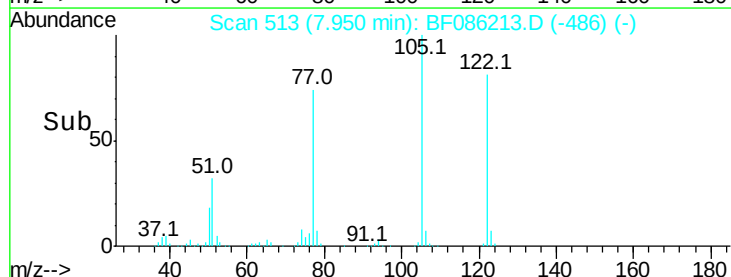
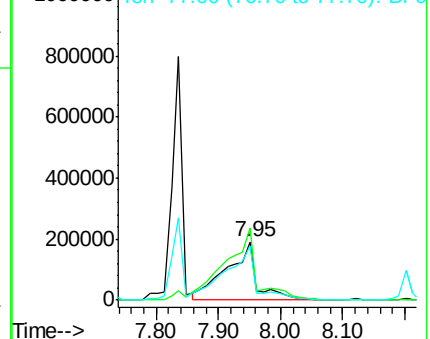
122 100

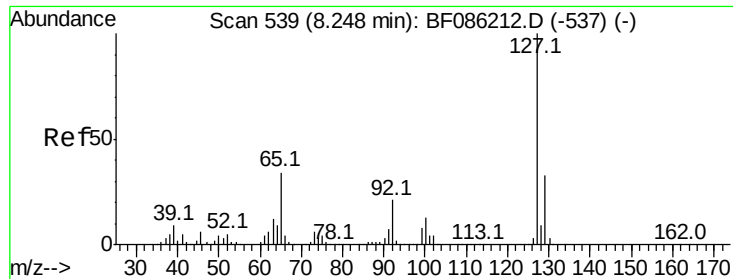
105 124.1 103.7 143.7

77 92.3 74.9 114.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





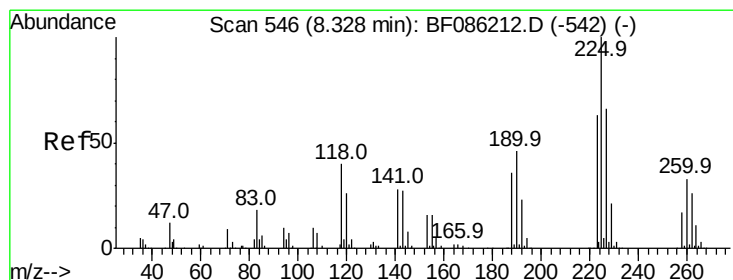
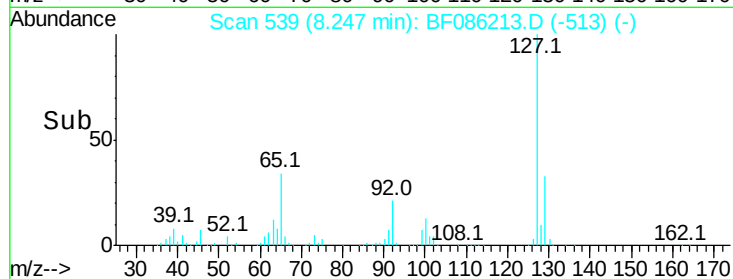
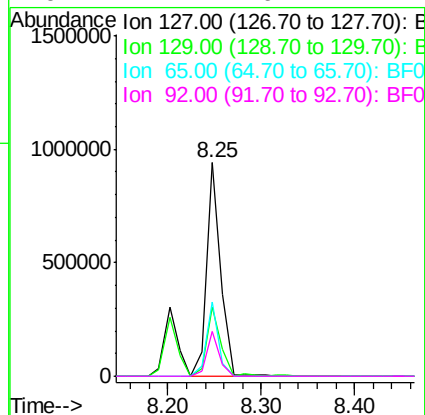
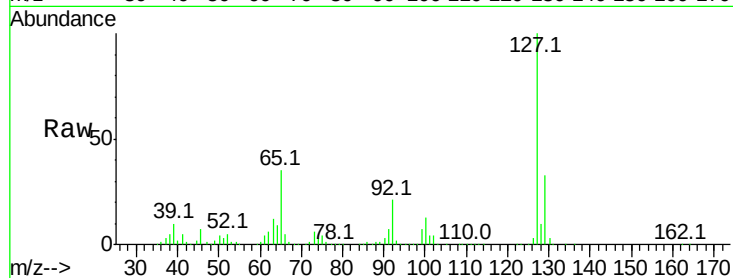
#33
4-Chloroaniline
Concen: 45.28 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.8	40.2	
65	34.8	27.1	40.7	
92	21.1	16.2	24.2	

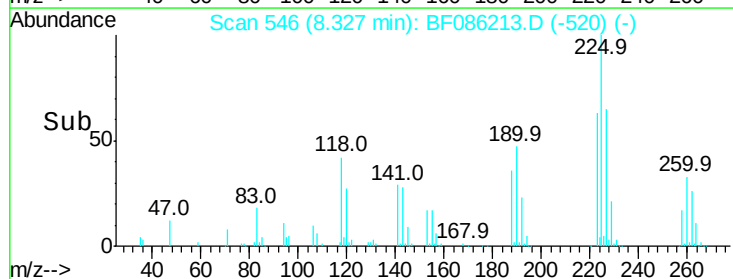
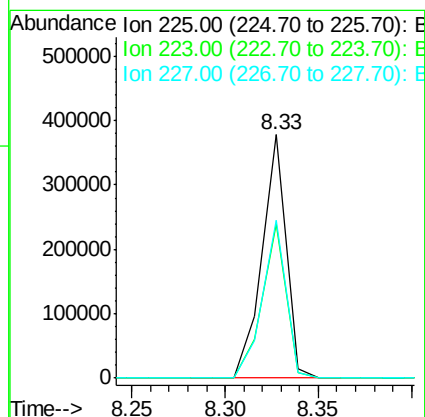
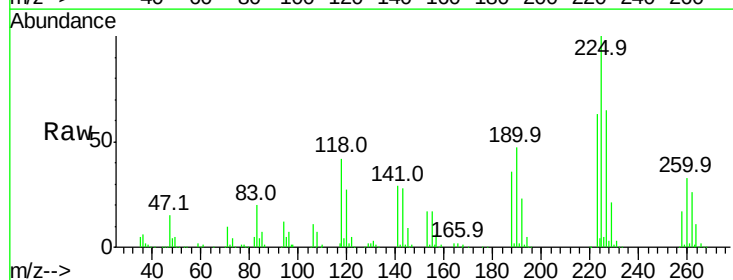
Manual Integrations
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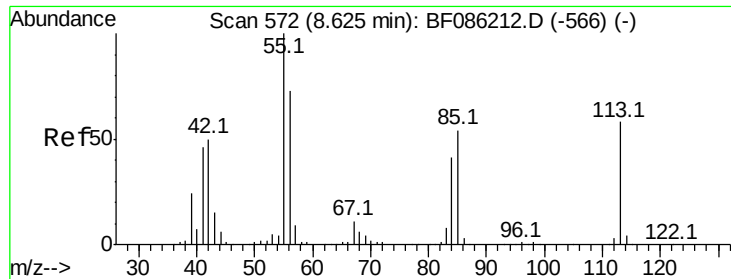
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#34
Hexachlorobutadiene
Concen: 40.53 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	49.4	74.0	
227	65.0	51.1	76.7	





#35

Caprolactam

Concen: 56.90 ng

RT: 8.64 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

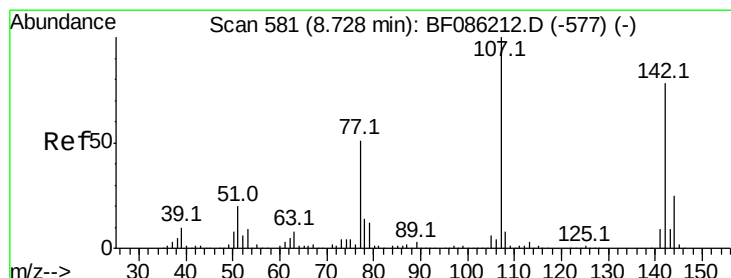
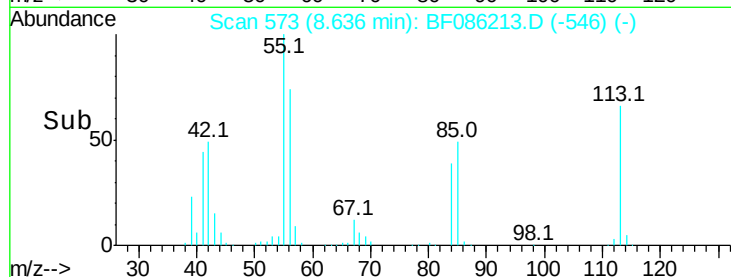
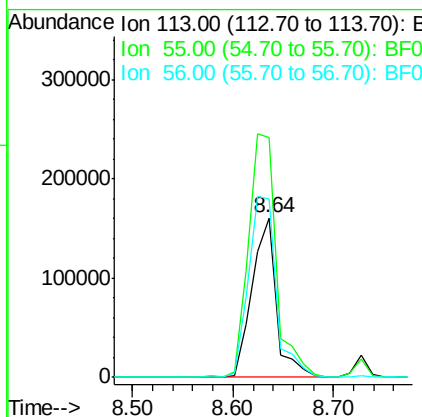
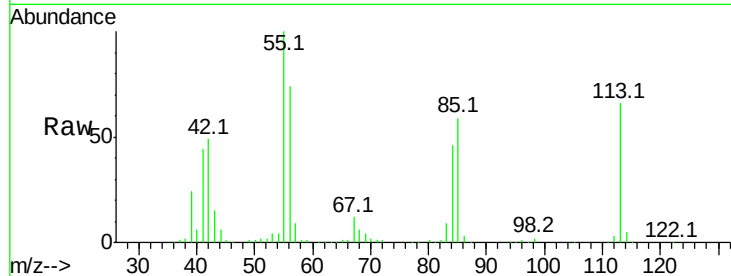
ClientSampleId :

SSTDIC050

Tot Ion:	113	Resp:	271001
Ion Ratio	Lower	Upper	
113	100		
55	150.7	117.5	157.5
56	111.8	82.5	122.5

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#36

4-Chloro-3-methylphenol

Concen: 45.14 ng

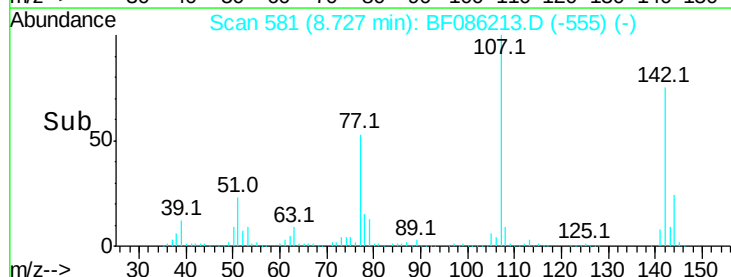
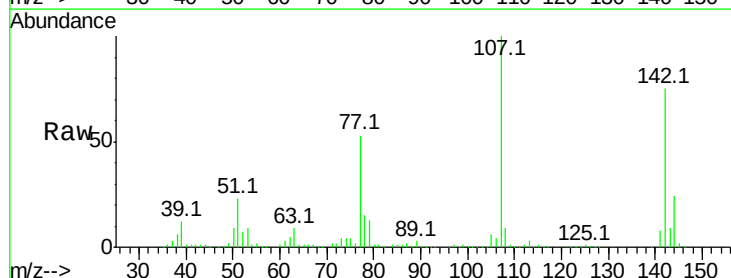
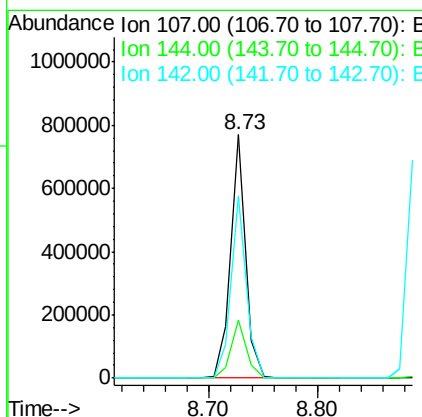
RT: 8.73 min Scan# 581

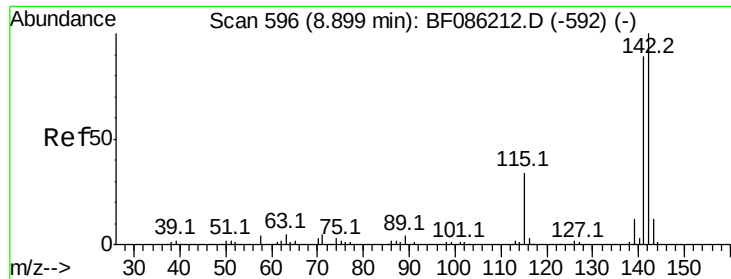
Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion:	107	Resp:	729462
Ion Ratio	Lower	Upper	
107	100		
144	24.0	20.7	31.1
142	74.7	64.5	96.7





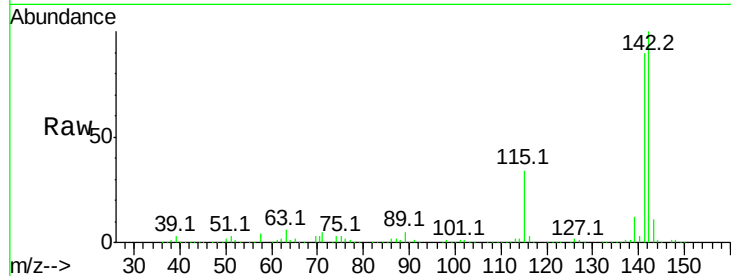
#37
2-Methylnaphthalene
Concen: 44.30 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

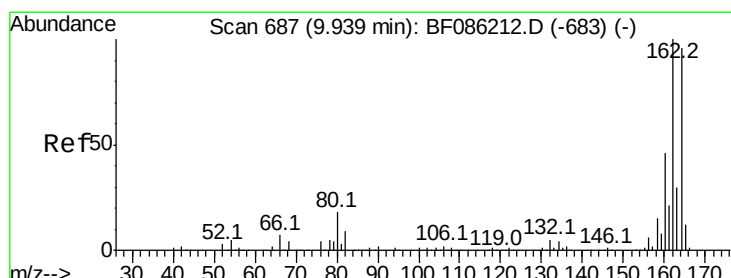
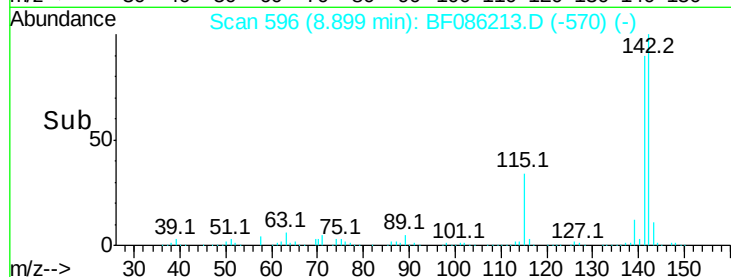
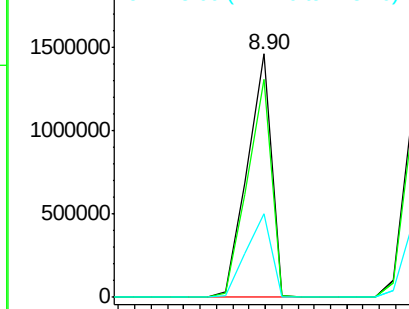
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.1	106.7
115	34.4	25.1	37.7

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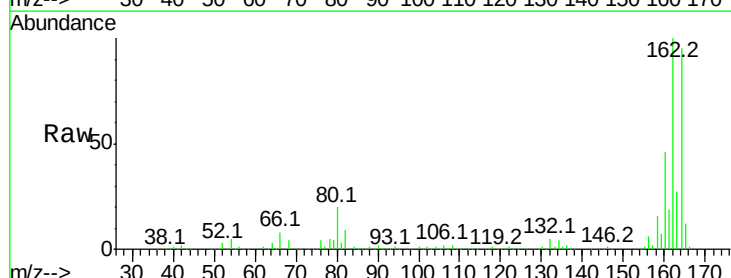


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

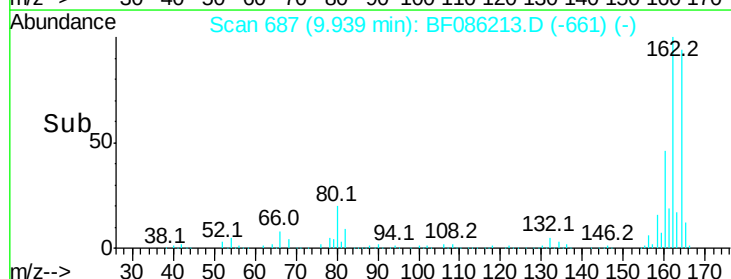
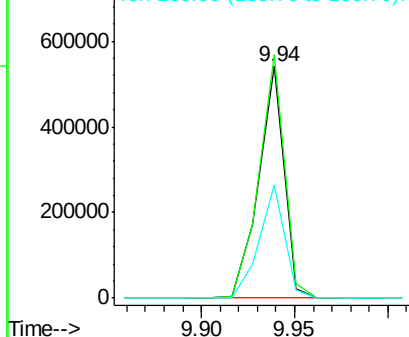


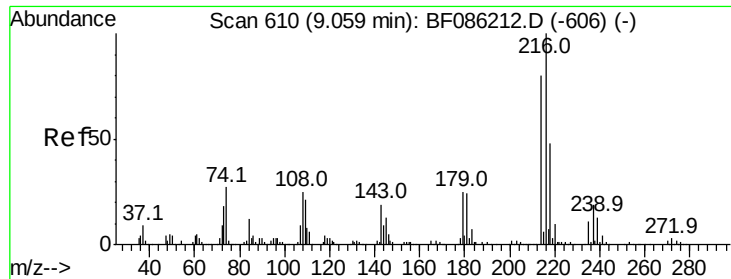
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.8	124.2
160	48.7	38.9	58.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.95 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086213.D

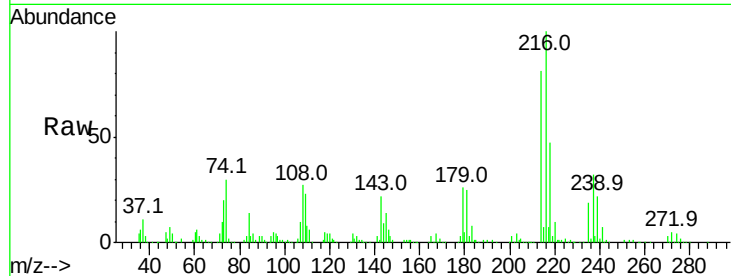
Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

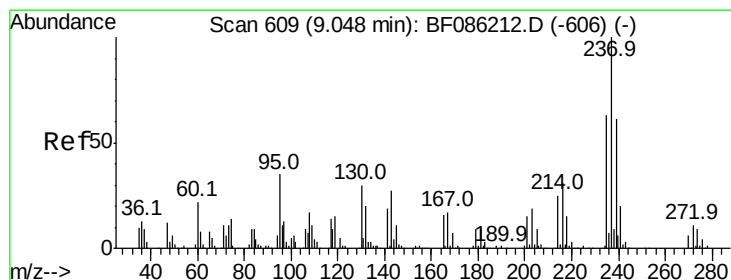
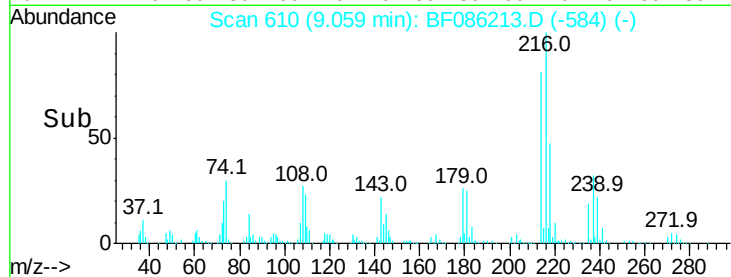
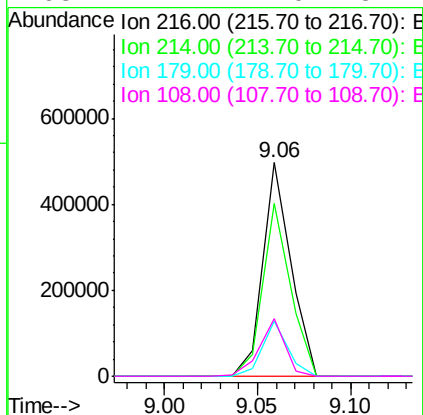
SSTDIC050



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		514405		
214	80.0	64.9	97.3		
179	23.3	19.8	29.6		
108	24.7	21.0	31.4		

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#40

Hexachlorocyclopentadiene

Concen: 42.44 ng

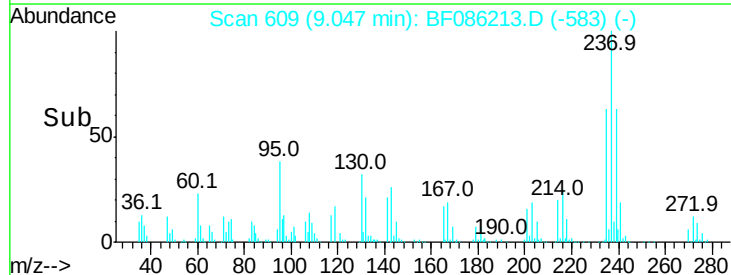
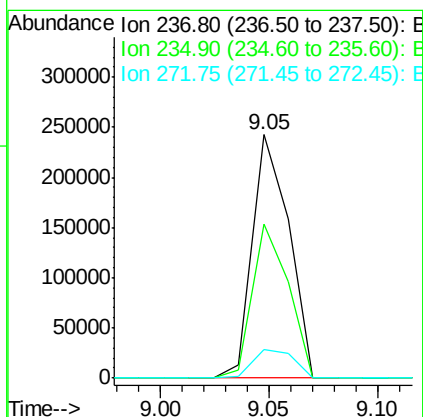
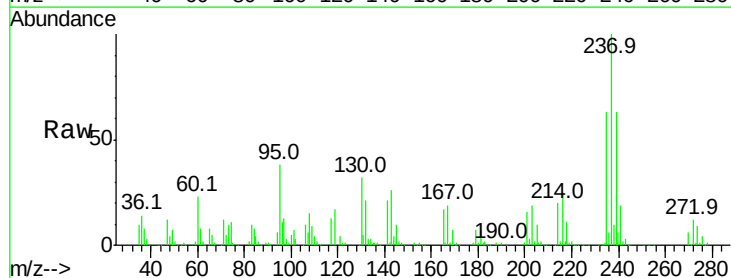
RT: 9.05 min Scan# 609

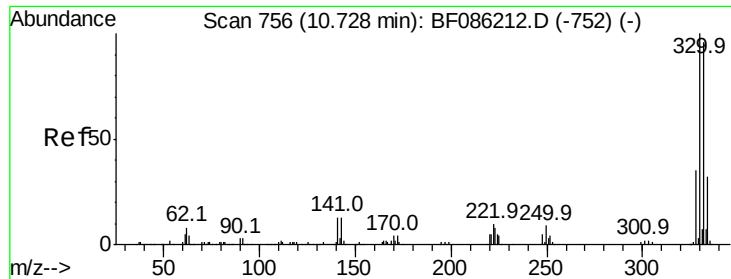
Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		284328		
235	63.4	44.0	84.0		
272	11.8	0.0	32.4		





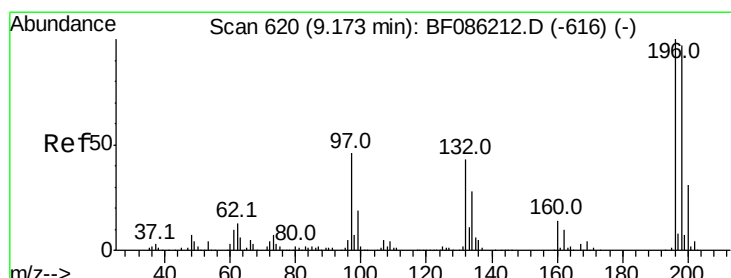
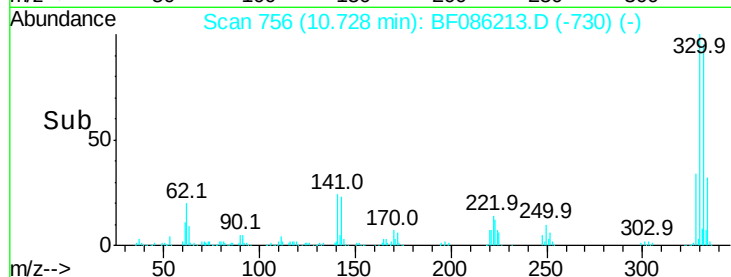
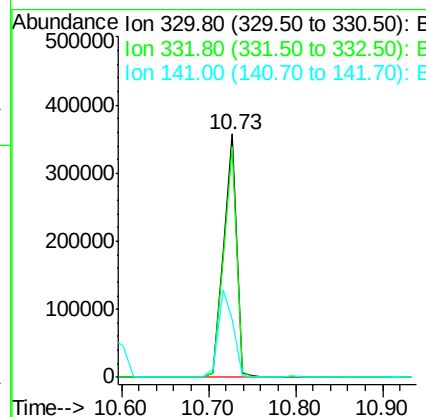
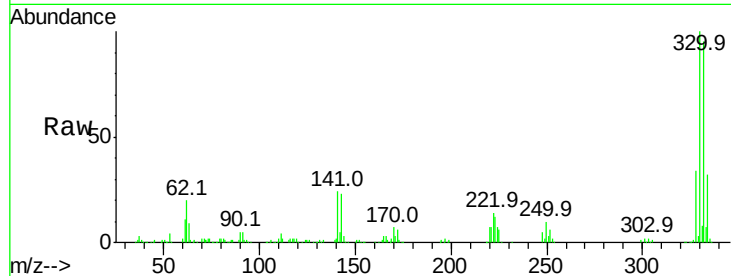
#41
 2,4,6-Tribromophenol
 Concen: 43.07 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
330	100	382629		
332	95.4	78.7	118.1	
141	40.9	28.6	42.8	

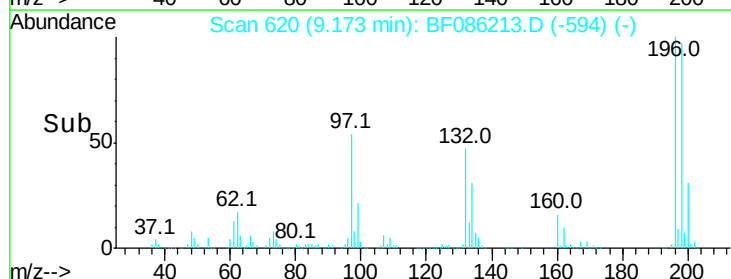
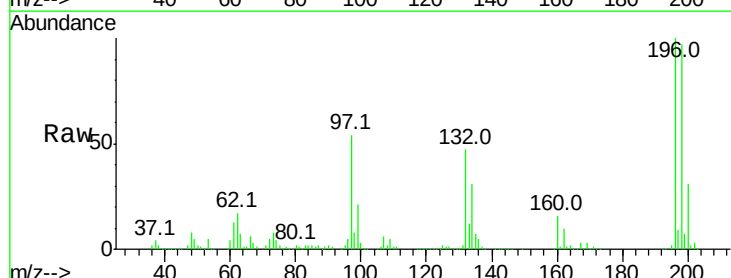
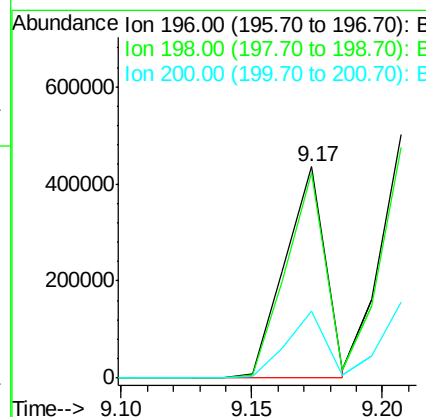
Manual Integrations
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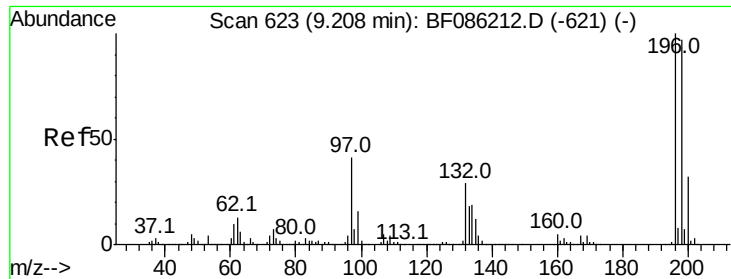
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 45.78 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	465744		
198	97.1	76.6	115.0	
200	31.5	25.3	37.9	





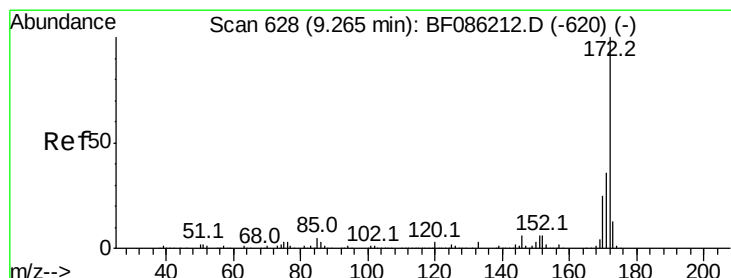
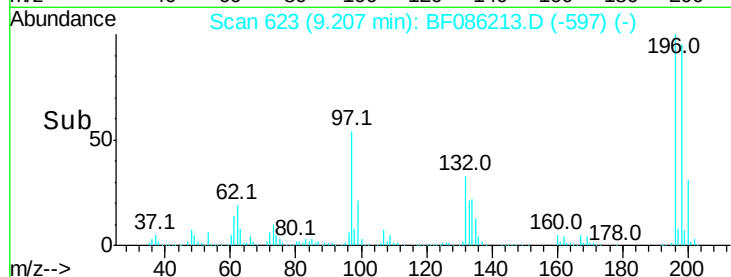
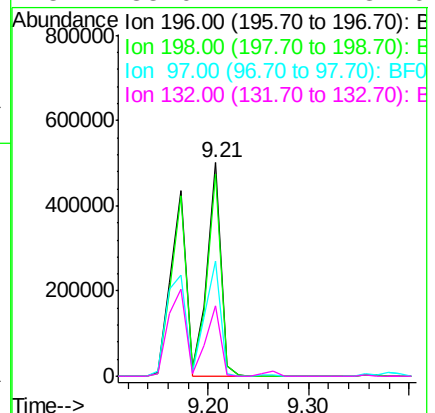
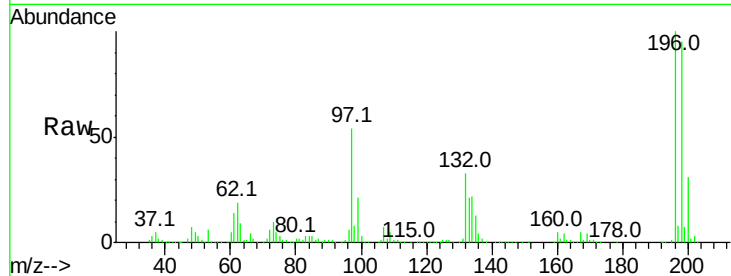
#43
 2,4,5-Trichlorophenol
 Concen: 47.15 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	477758		
198	94.9	77.7	116.5	
97	54.0	32.6	48.8	
132	33.0	21.4	32.0	

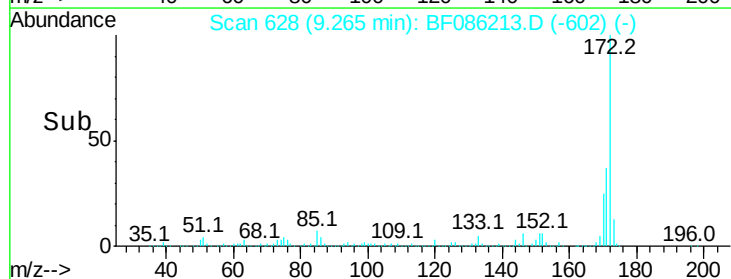
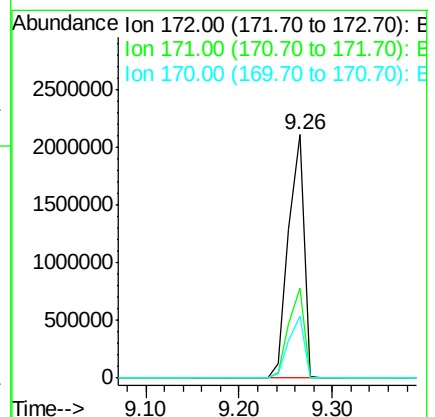
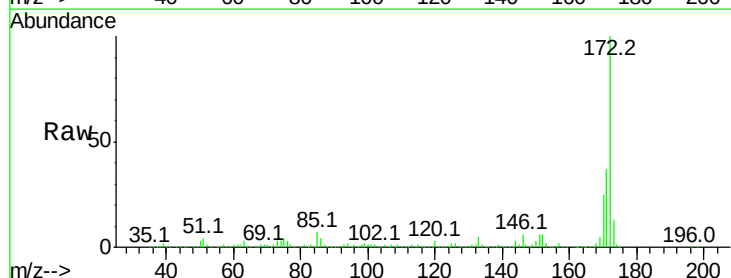
Manual Integrations
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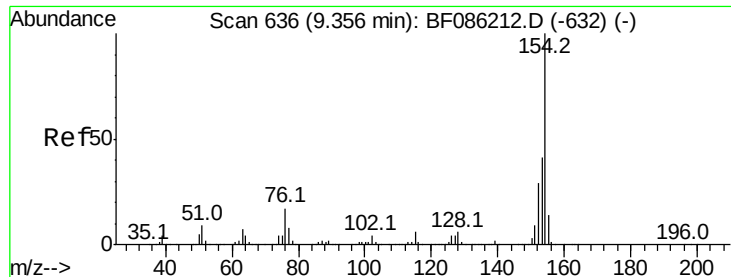
Sohil
 4/18/2016 7:25:58 PM



#44
 2-Fluorobiphenyl
 Concen: 38.83 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2430914		
171	37.0	29.1	43.7	
170	25.2	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 42.55 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 1679679

Ion Ratio Lower Upper

154 100

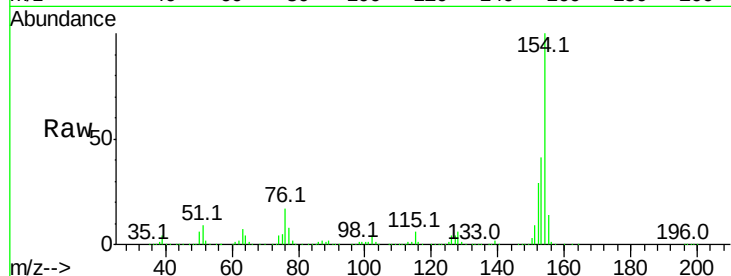
153 41.1 21.3 61.3

76 17.3 0.0 36.4

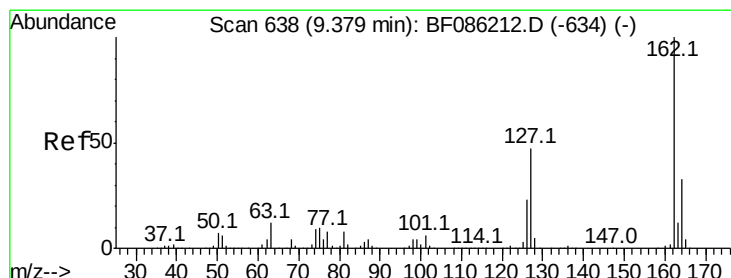
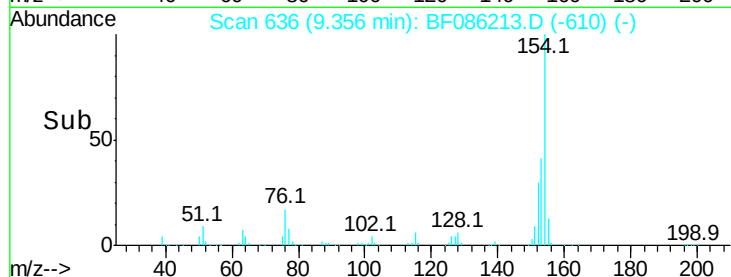
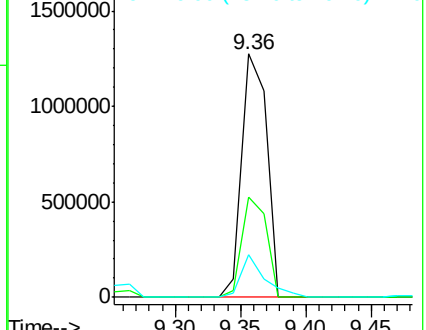
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.02 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

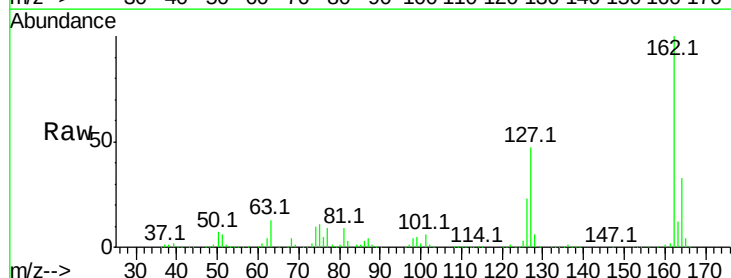
Tgt Ion:162 Resp: 1389302

Ion Ratio Lower Upper

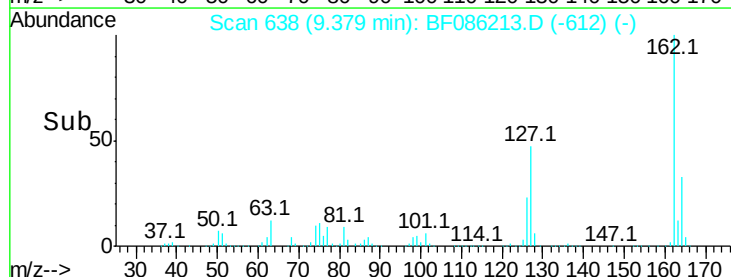
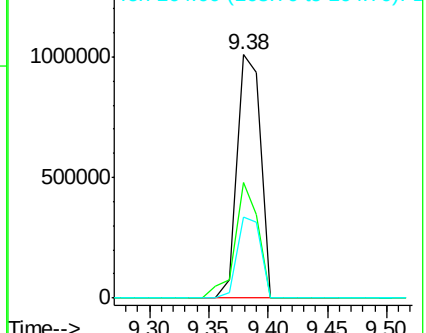
162 100

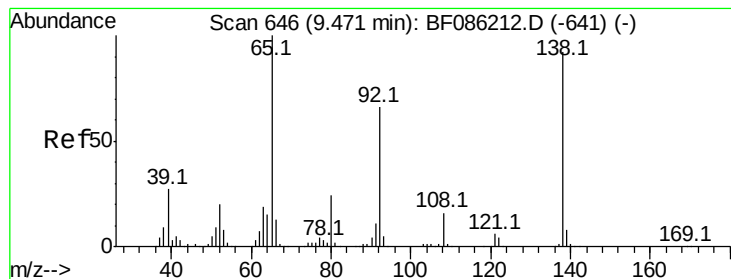
127 47.5 36.7 55.1

164 33.0 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.07 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

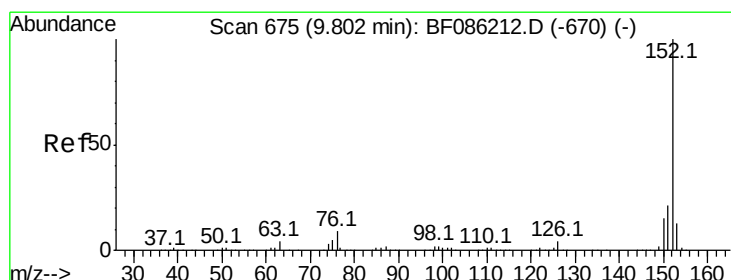
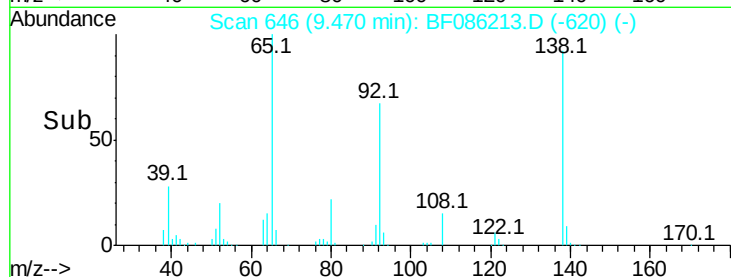
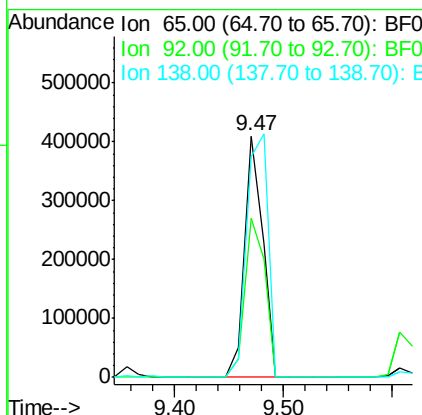
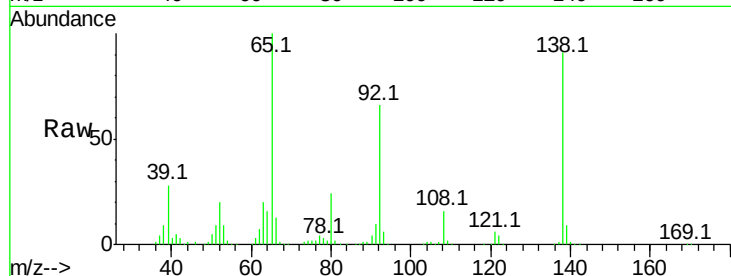
ClientSampleId :

SSTDICC050

Tot Ion:	65	Resp:	473933
Ion	Ratio	Lower	Upper
65	100		
92	66.1	51.9	77.9
138	91.3	72.6	108.8

Manual Integrations
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#48

Acenaphthylene

Concen: 46.75 ng

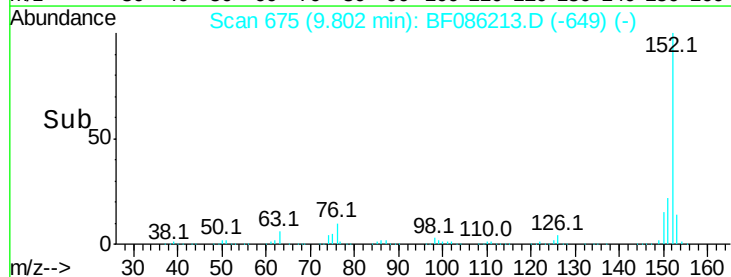
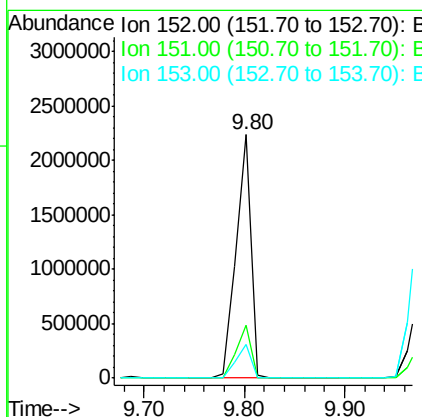
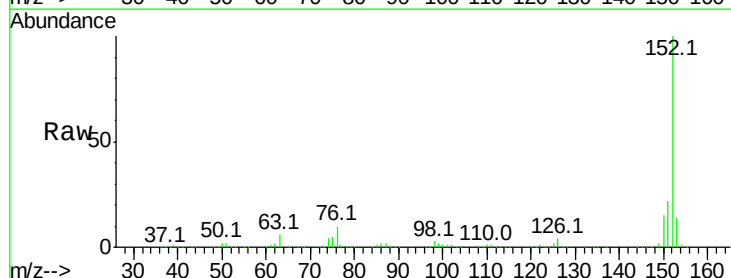
RT: 9.80 min Scan# 675

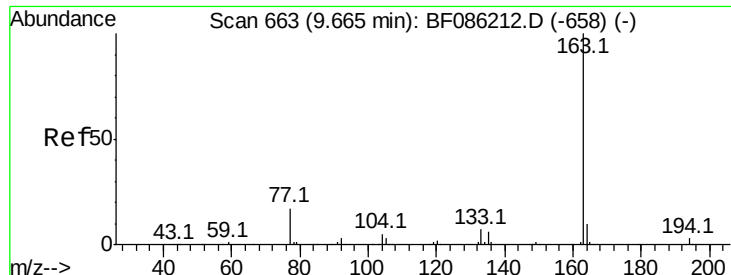
Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion:	152	Resp:	2291165
Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	13.7	10.7	16.1





#49

Dimethylphthalate

Concen: 43.29 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:163 Resp: 1625757

Ion Ratio Lower Upper

163 100

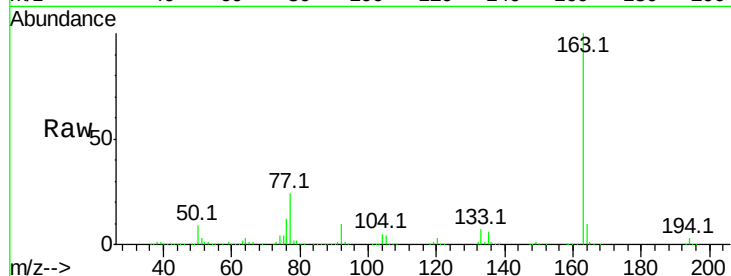
194 3.2 2.8 4.2

164 10.4 8.4 12.6

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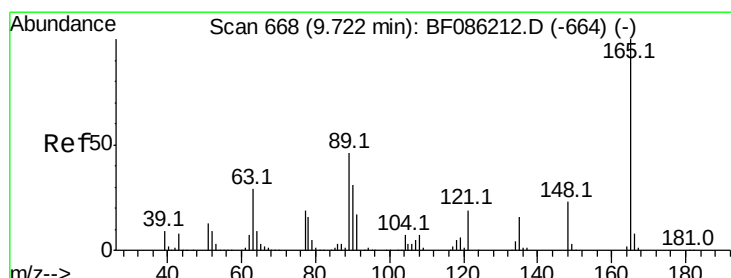
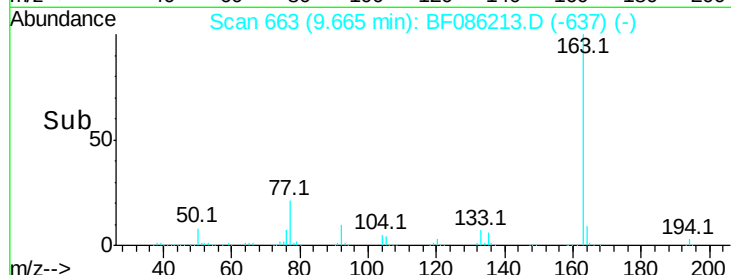
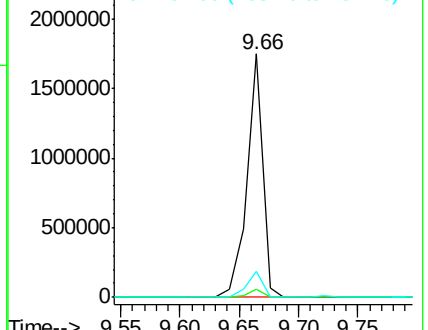
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.39 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion:165 Resp: 408607

Ion Ratio Lower Upper

165 100

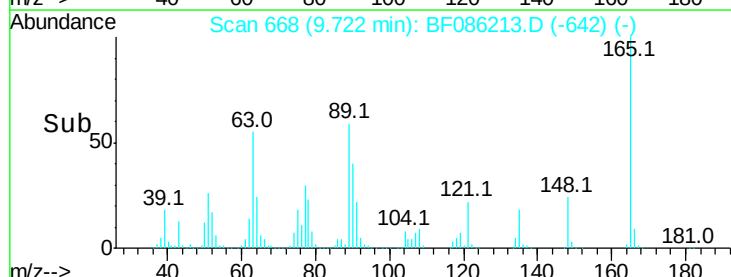
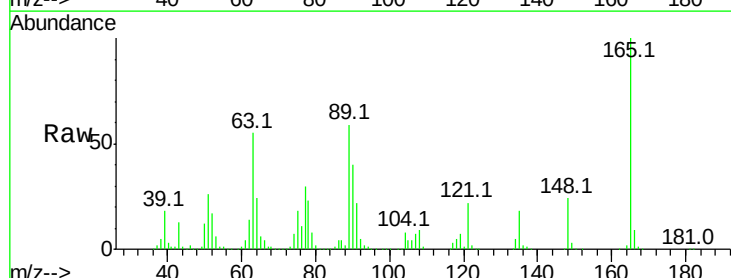
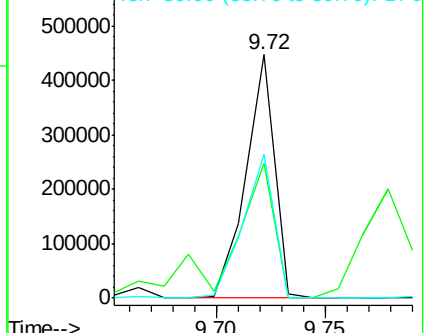
63 55.4 35.1 52.7#

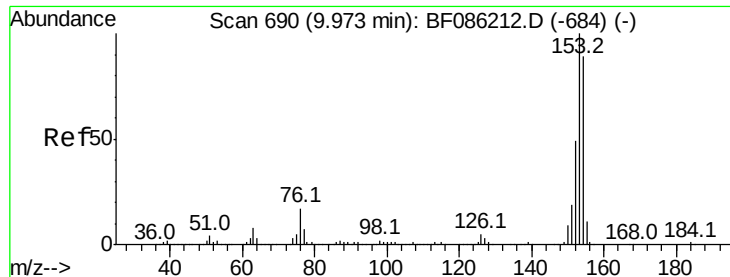
89 58.8 39.8 59.6

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.31 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1347424

Ion Ratio Lower Upper

154 100

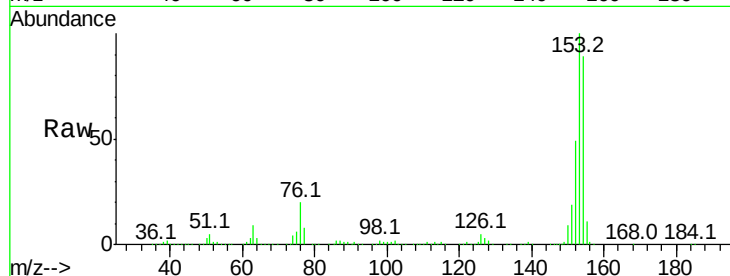
153 112.5 90.0 135.0

152 55.4 44.3 66.5

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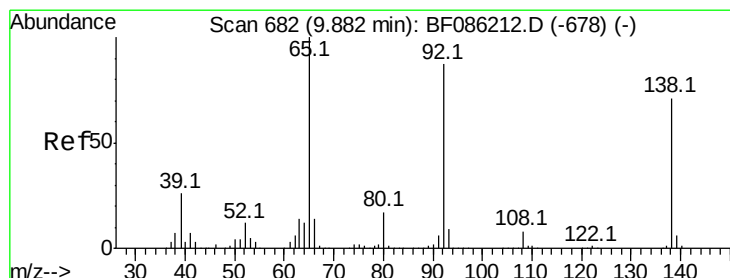
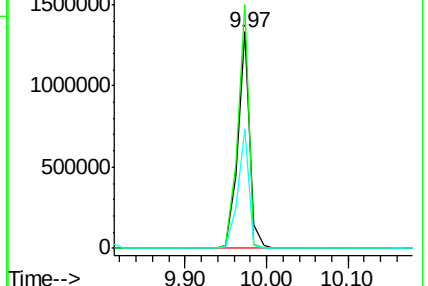
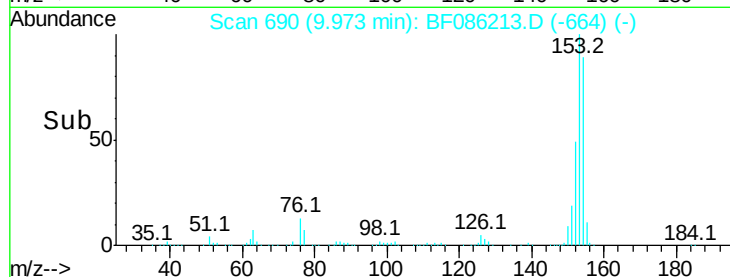
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 54.48 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

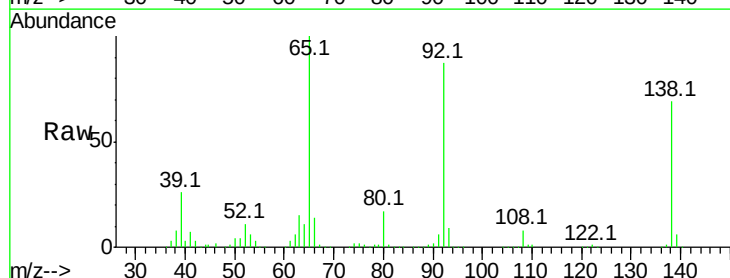
Tgt Ion:138 Resp: 499839

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

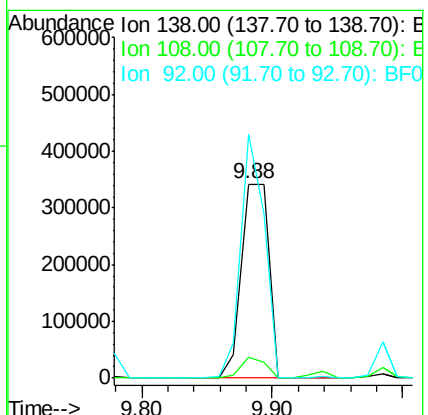
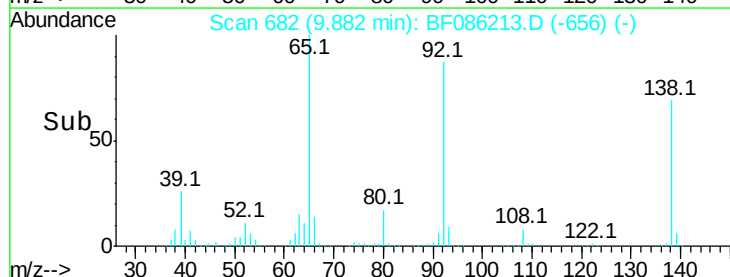
92 125.6 99.3 148.9

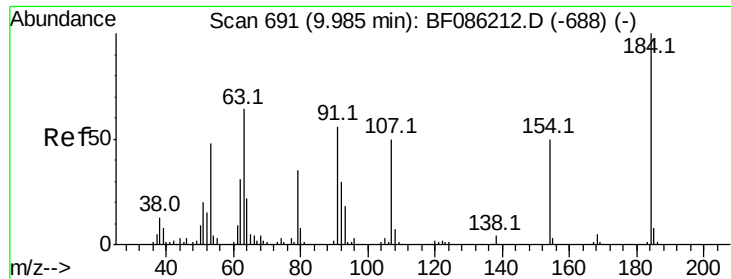


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





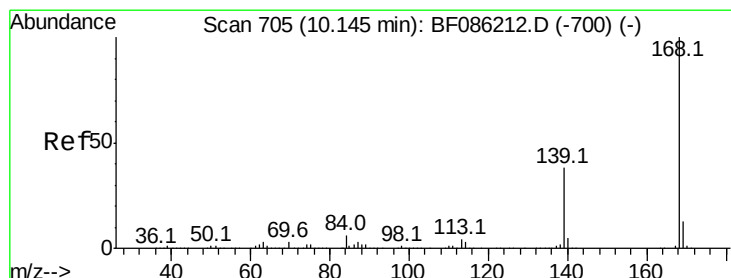
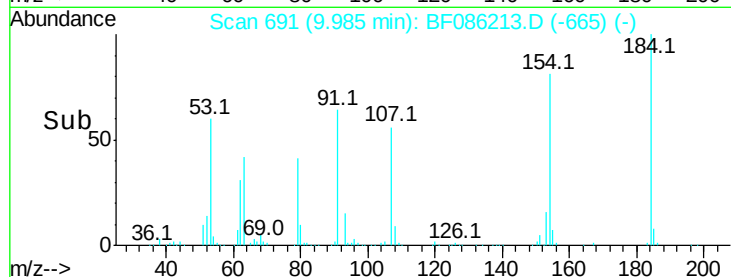
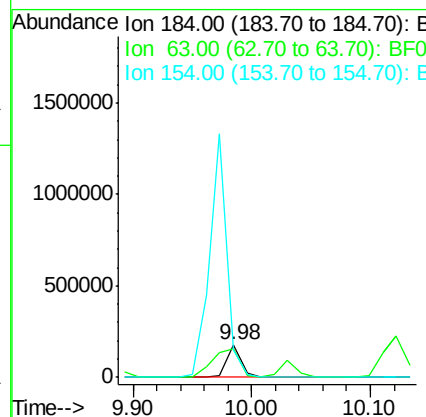
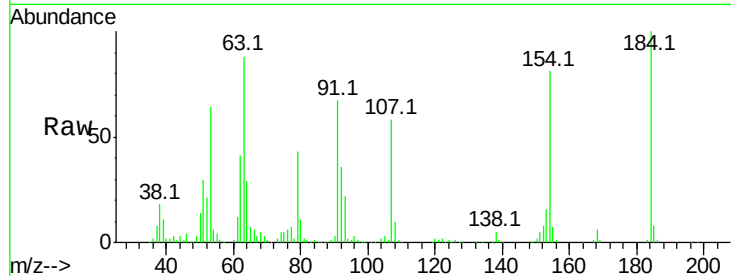
#53
2,4-Dinitrophenol
Concen: 64.25 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	148282		
63	87.5	64.7	97.1	
154	81.3	59.4	89.2	

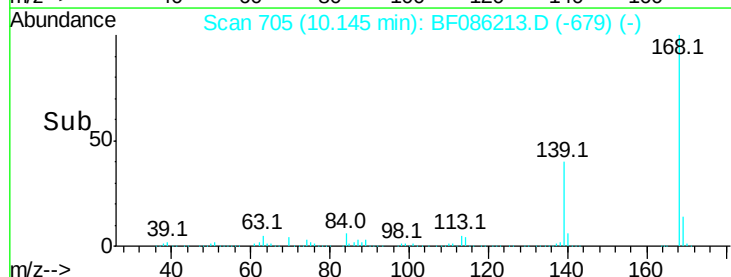
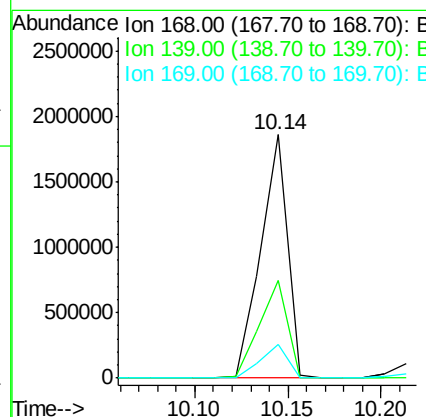
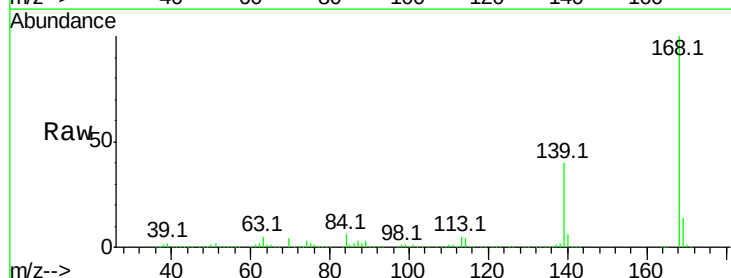
Manual Integrations
APPROVED

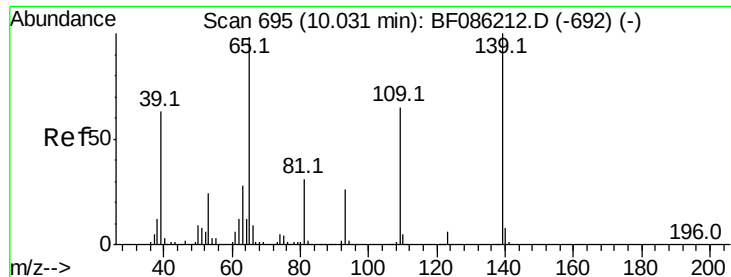
Sohil
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#54
Dibenzofuran
Concen: 46.83 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1832517		
139	40.2	29.5	44.3	
169	13.8	10.6	16.0	





#55

4-Nitrophenol

Concen: 57.37 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

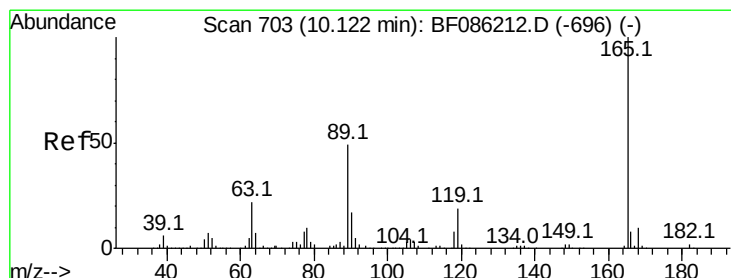
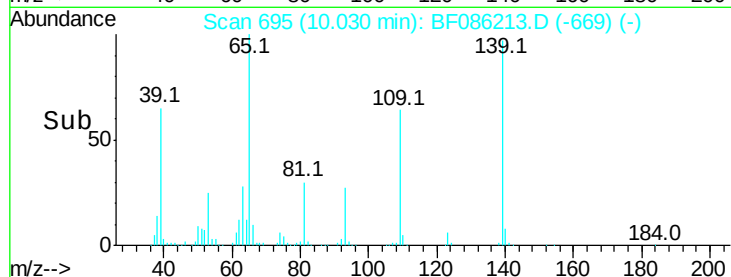
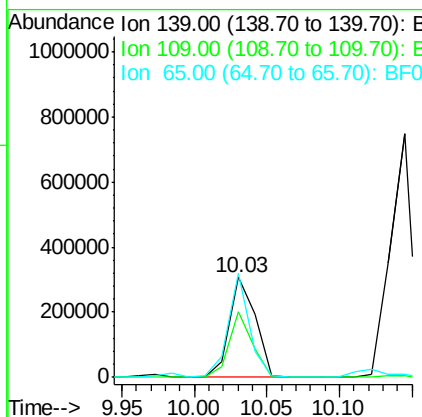
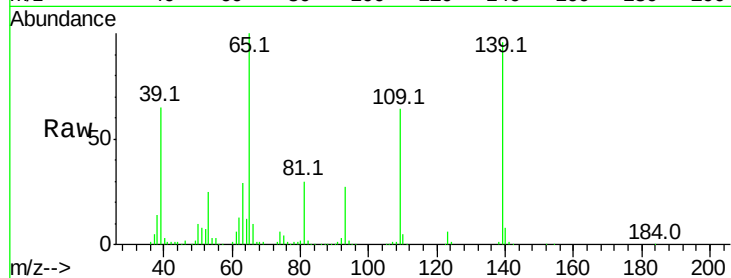
ClientSampled :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	66.0	55.0	95.0		
65	103.8	87.3	127.3		

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 54.14 ng

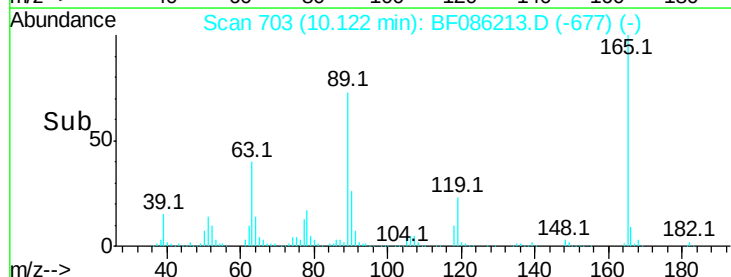
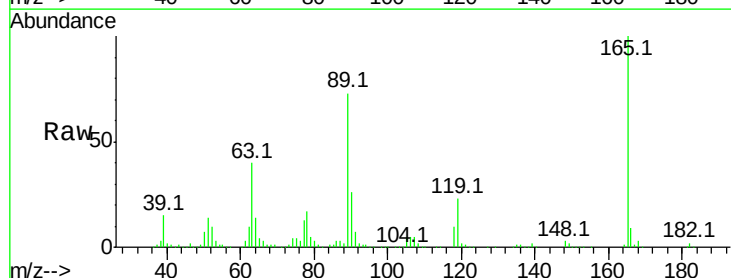
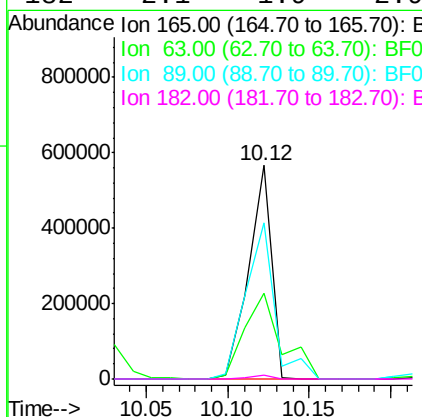
RT: 10.12 min Scan# 703

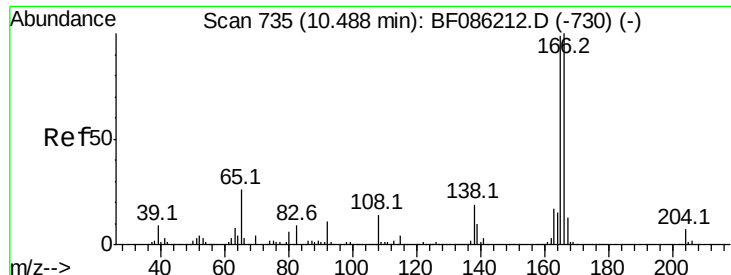
Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	40.3	26.6	40.0#		
89	72.9	49.5	74.3		
182	2.1	1.9	2.9		





#57

Fluorene

Concen: 40.43 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:166 Resp: 1279099

Ion Ratio Lower Upper

166 100

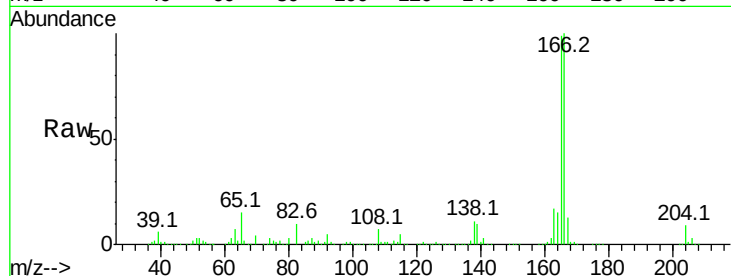
165 99.3 78.6 117.8

167 13.2 10.4 15.6

Manual Integrations
APPROVED

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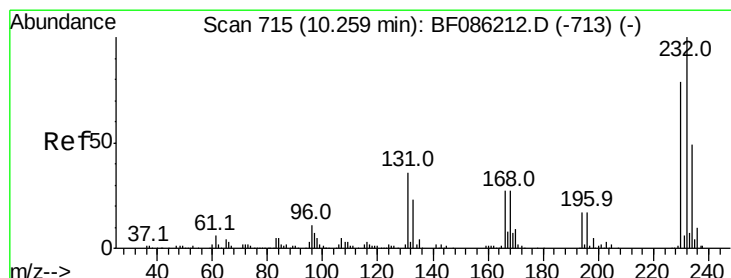
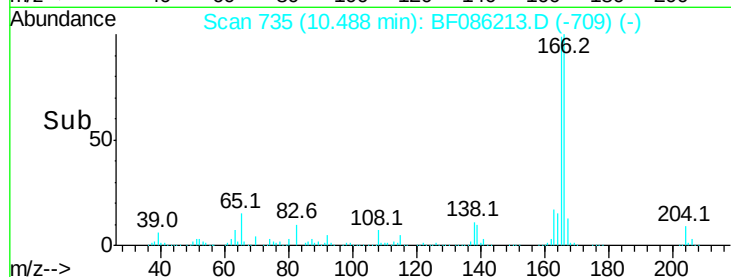
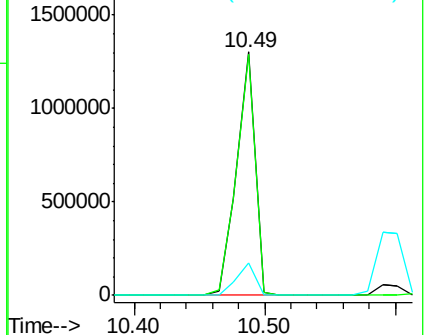
4/18/2016 7:25:58 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.90 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion:232 Resp: 333786

Ion Ratio Lower Upper

232 100

131 59.0 46.6 70.0

130 2.9 2.5 3.7

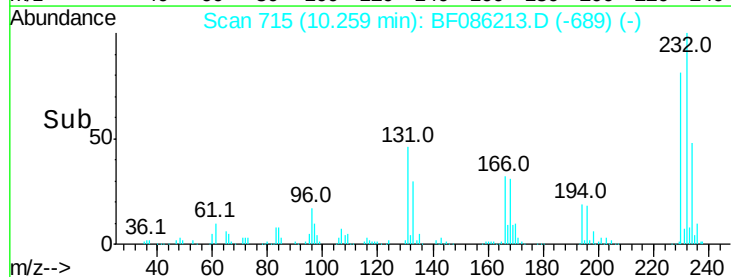
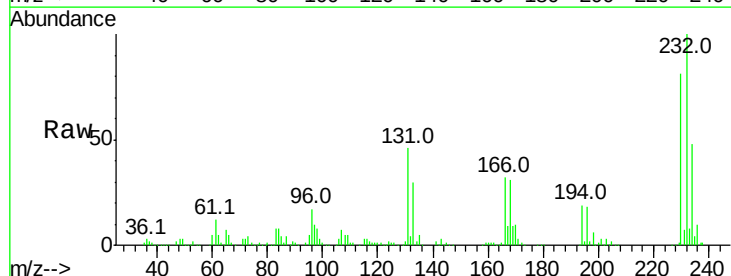
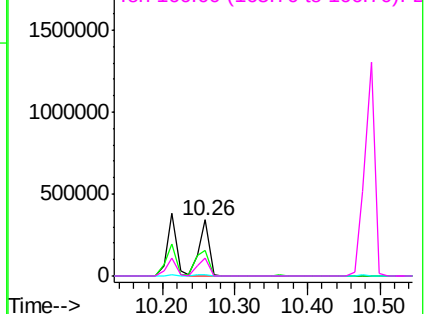
166 37.0 28.3 42.5

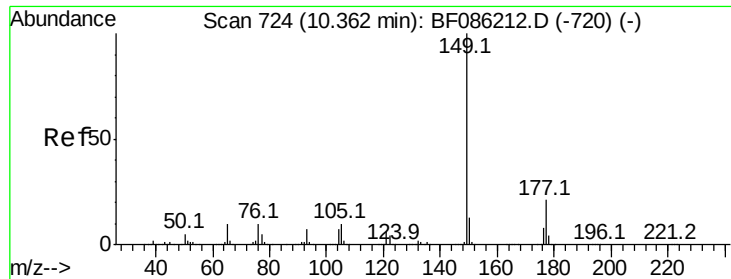
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





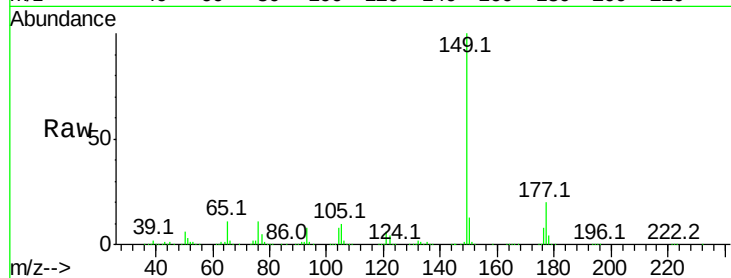
#59
Diethylphthalate
Concen: 43.59 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

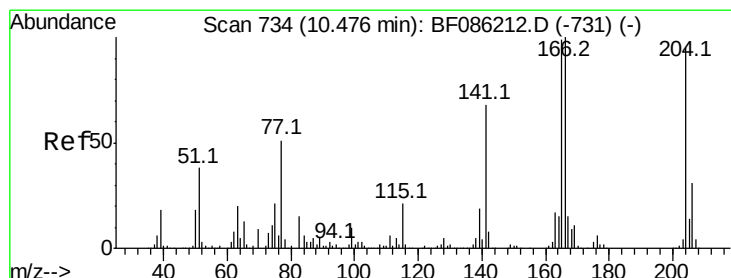
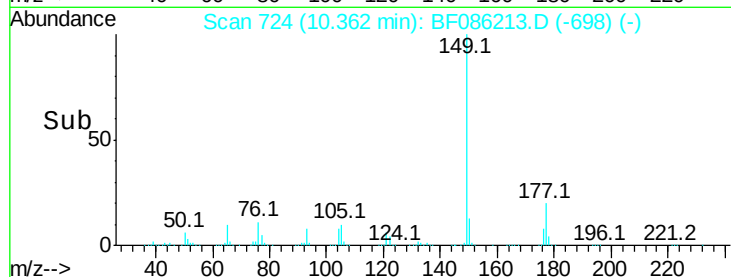
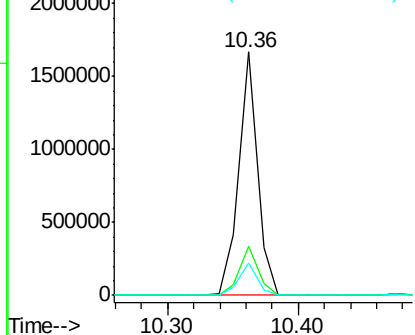
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.0	25.6
150	13.1	10.2	15.4

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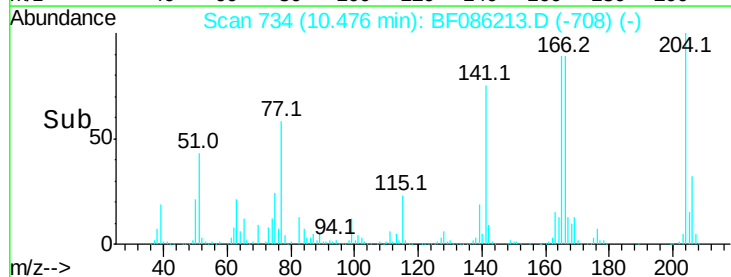
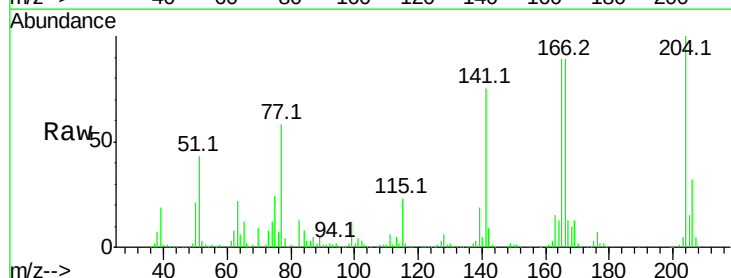
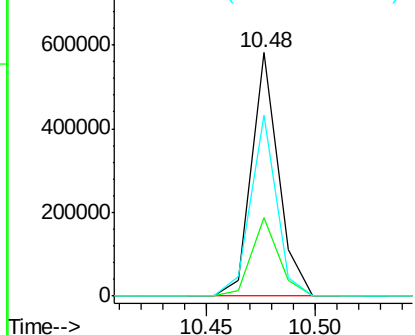
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

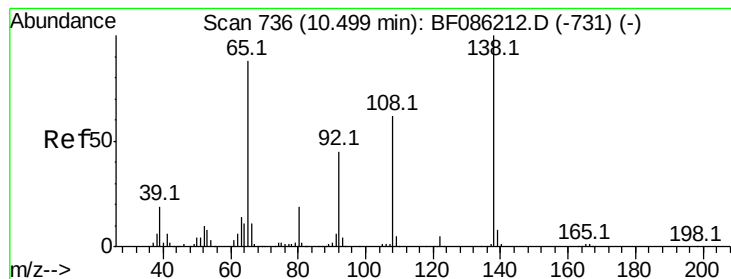


#60
4-Chlorophenyl-phenylether
Concen: 33.83 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	74.5	55.4	83.0

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





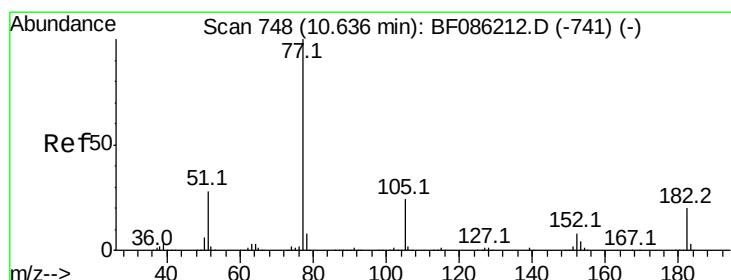
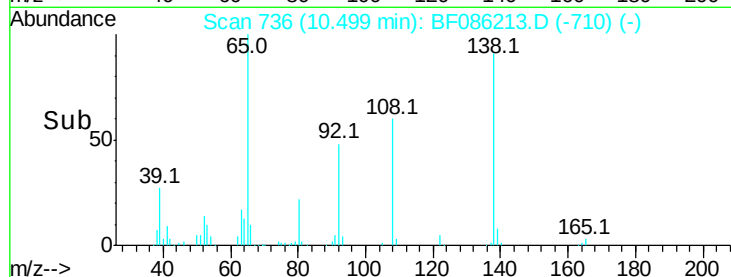
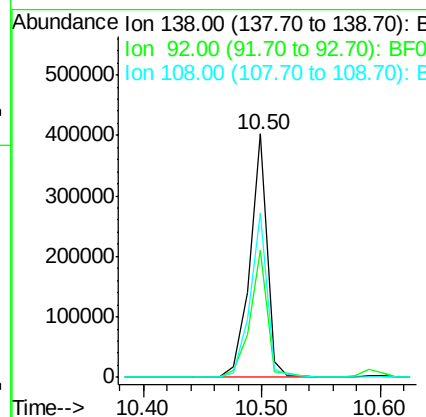
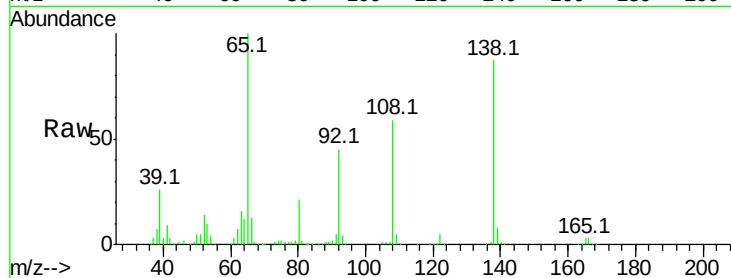
#61
4-Nitroaniline
Concen: 47.28 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.2	31.9	71.9
108	67.4	58.7	98.7

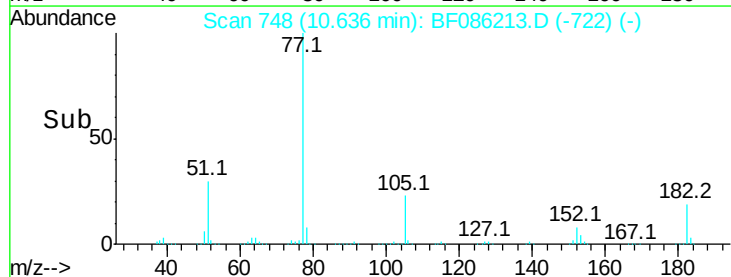
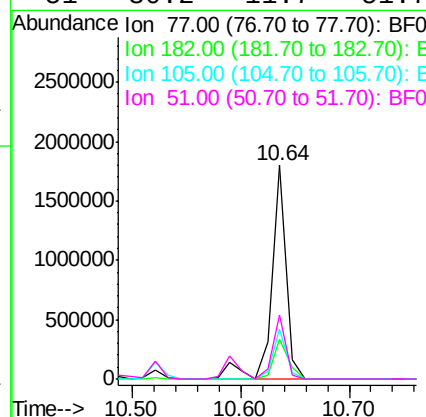
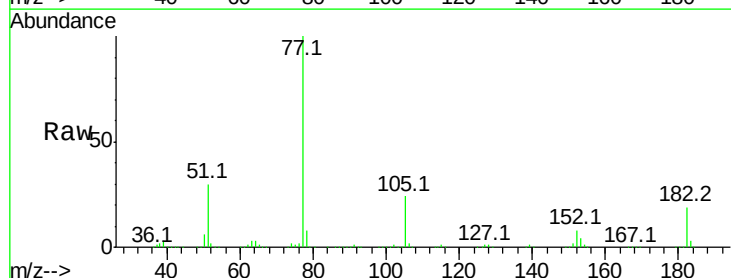
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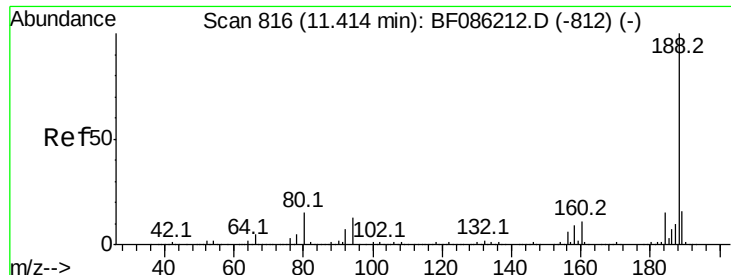
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#62
Azobenzene
Concen: 44.94 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.5	2.3	42.3
105	23.6	3.4	43.4
51	30.2	11.7	51.7





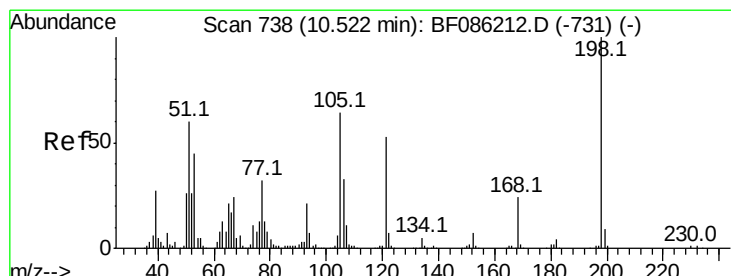
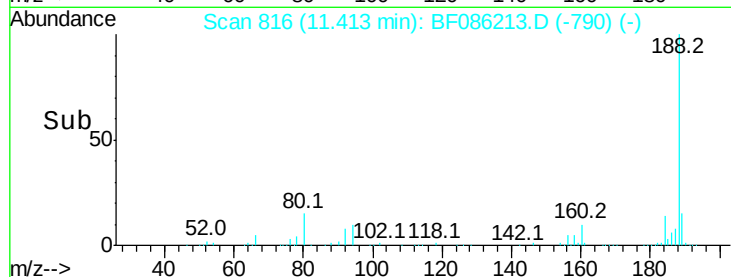
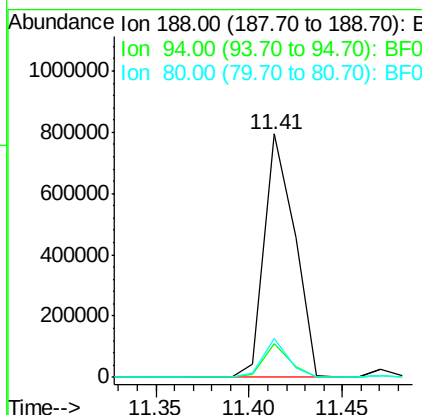
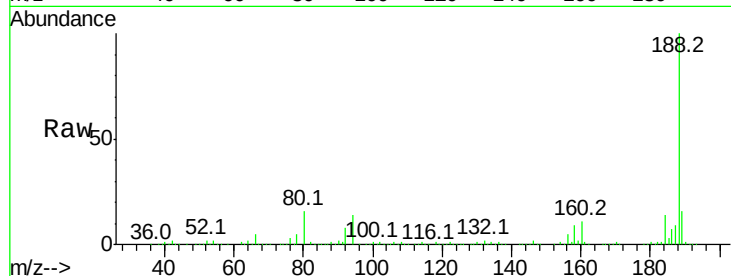
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.0	9.8	14.8
80	15.9	10.5	15.7

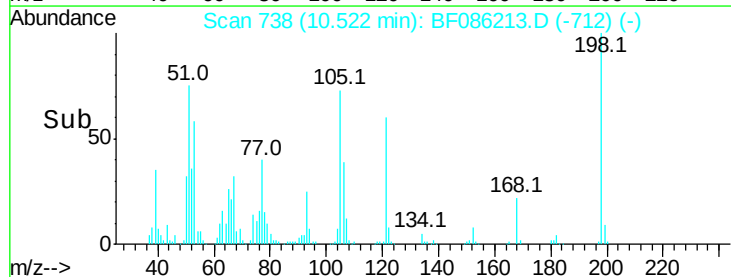
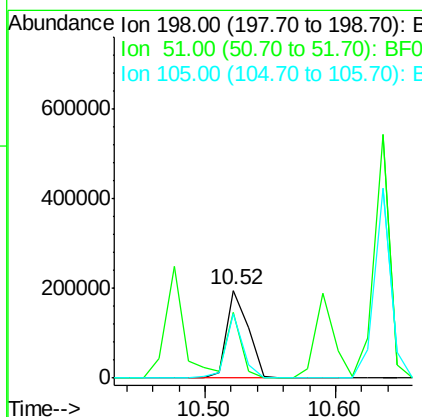
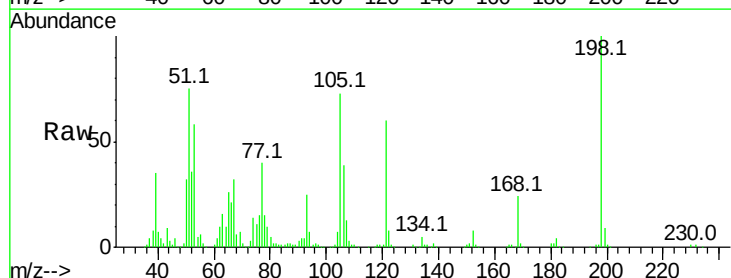
Manual Integrations
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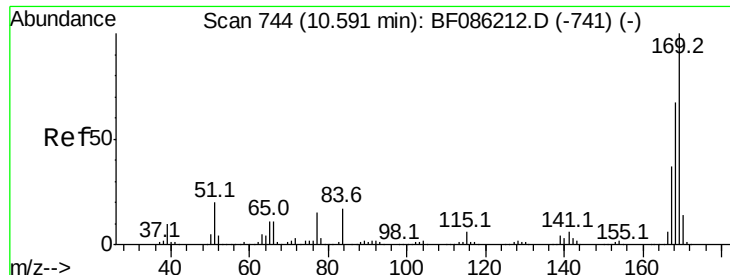
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 64.98 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	74.9	56.5	96.5
105	72.9	48.0	88.0





#65

n-Nitrosodiphenylamine

Concen: 46.26 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:169 Resp: 1272369

Ion Ratio Lower Upper

169 100

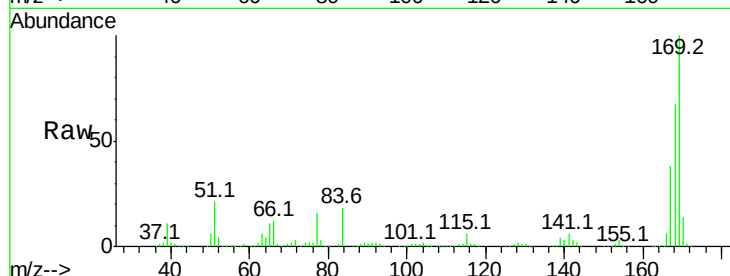
168 67.4 54.3 81.5

167 37.8 30.2 45.2

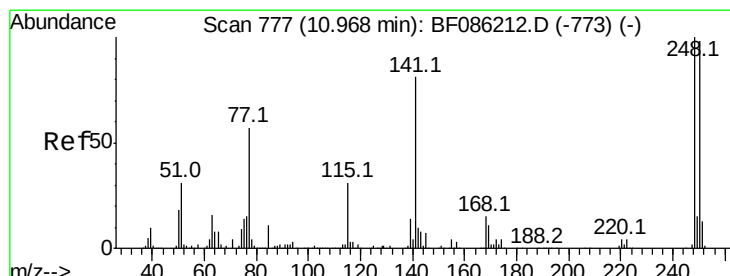
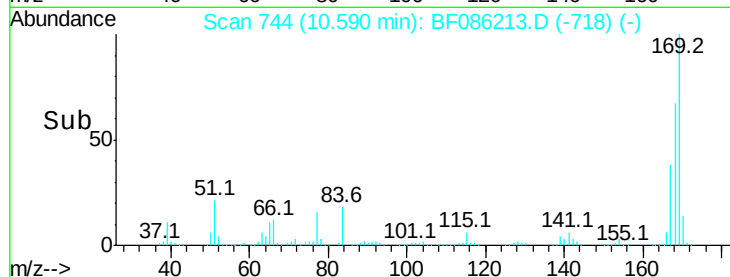
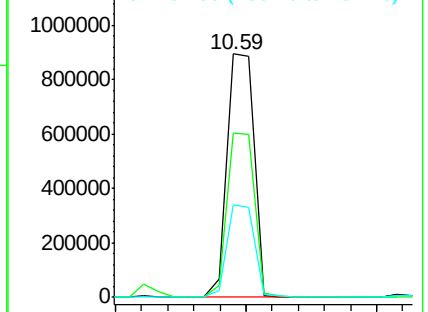
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.57 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

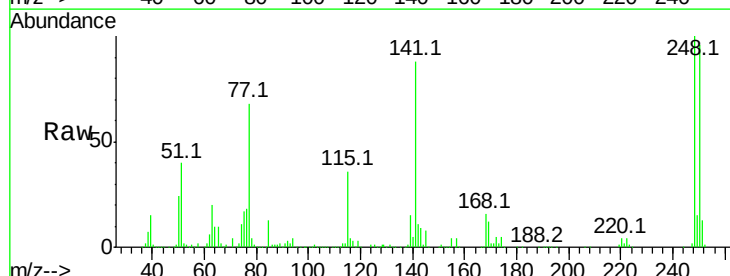
Tgt Ion:248 Resp: 370024

Ion Ratio Lower Upper

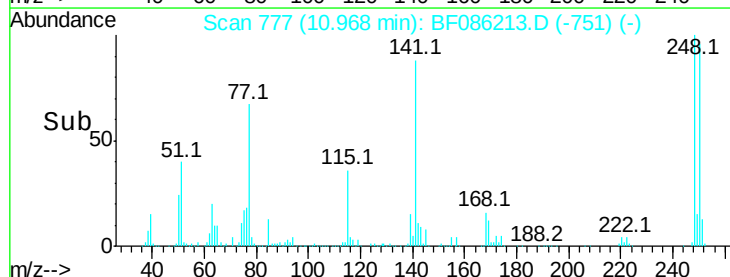
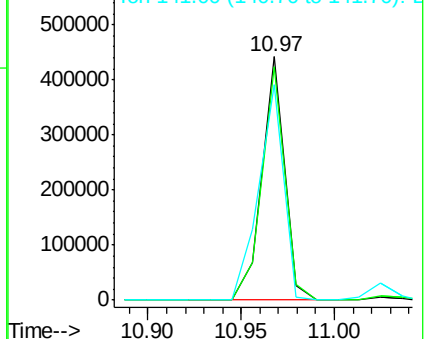
248 100

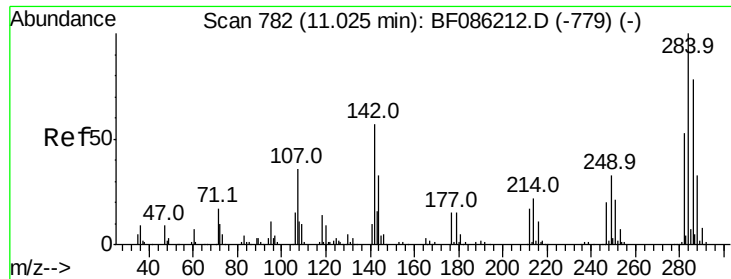
250 96.1 78.6 118.0

141 88.3 57.9 86.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.82 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

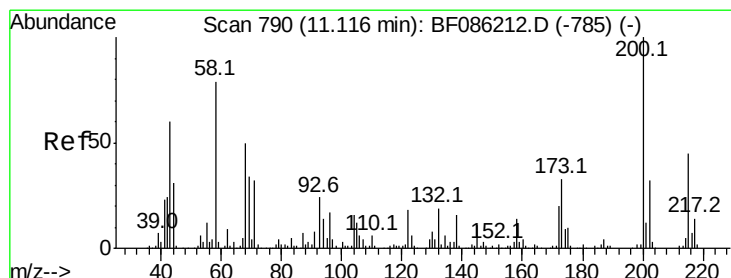
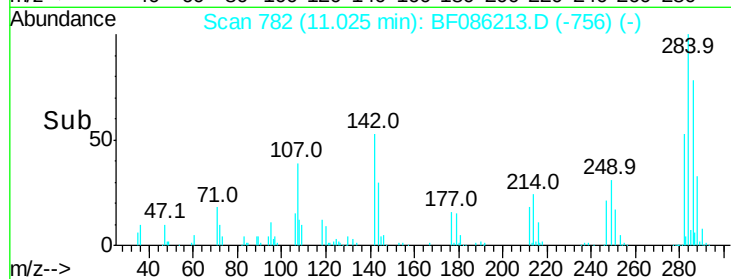
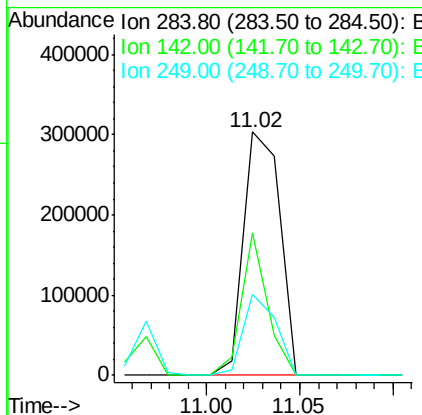
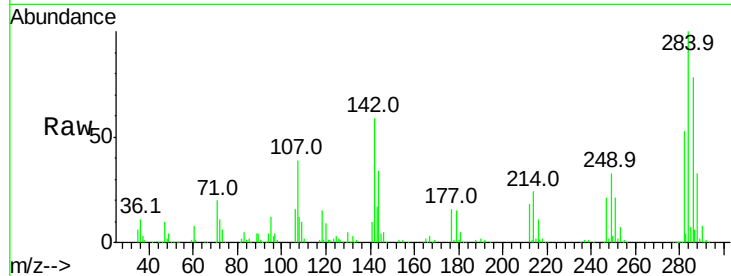
ClientSampleId :

SSTDICC050

Tot Ion:	284	Resp:	408582
Ion Ratio	Lower	Upper	
284	100		
142	58.7	42.6	64.0
249	33.3	25.9	38.9

Manual Integrations
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#68

Atrazine

Concen: 52.01 ng

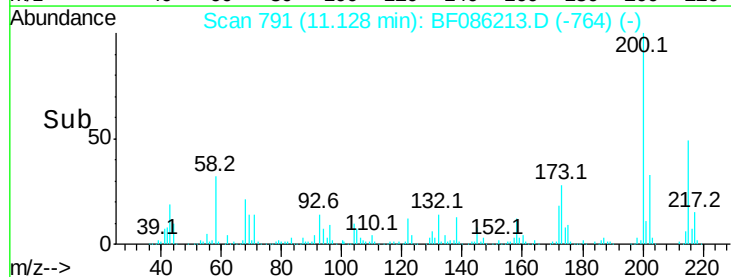
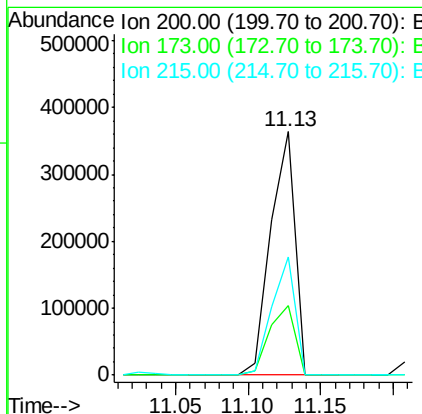
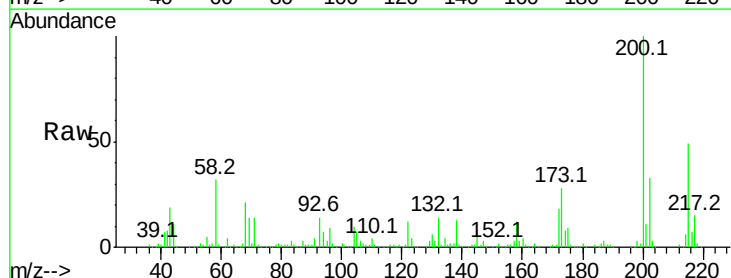
RT: 11.13 min Scan# 791

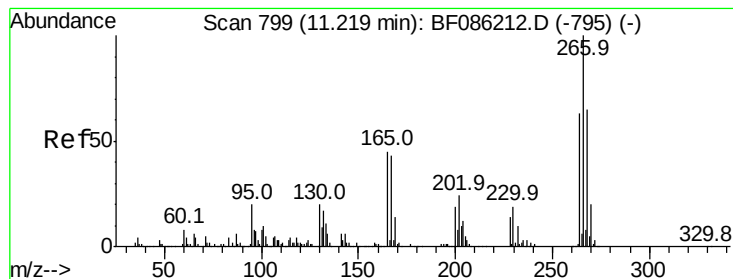
Delta R.T. 0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion:	200	Resp:	422978
Ion Ratio	Lower	Upper	
200	100		
173	28.4	11.2	51.2
215	48.6	24.0	64.0





#69

Pentachlorophenol

Concen: 51.07 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

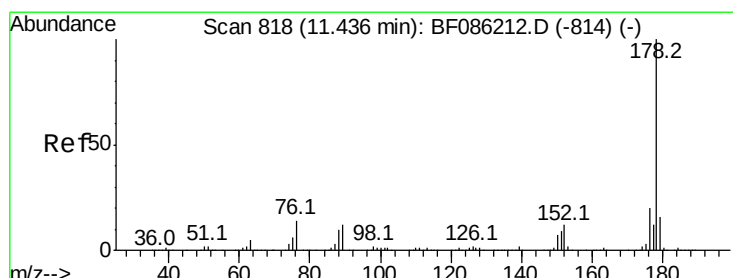
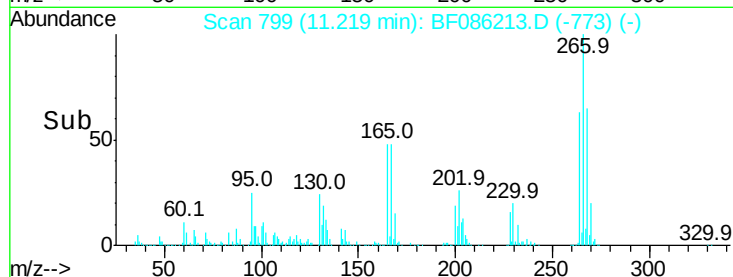
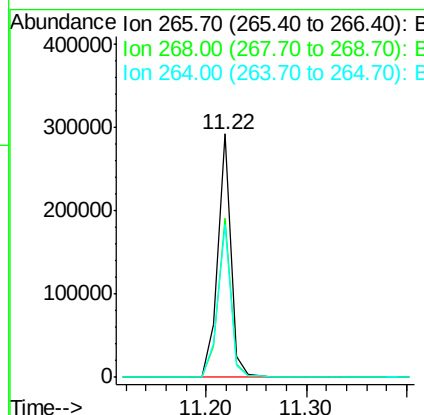
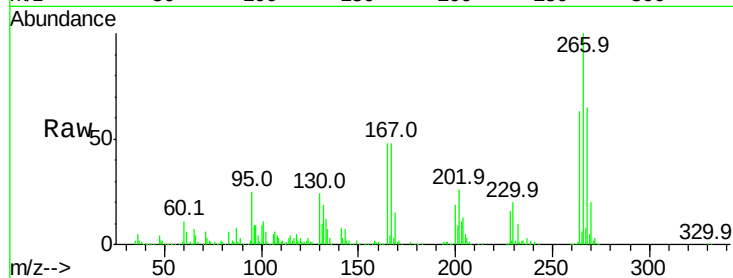
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100	268829		
268	65.5	53.0	79.4	
264	62.7	51.3	76.9	

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#70

Phenanthrene

Concen: 44.34 ng

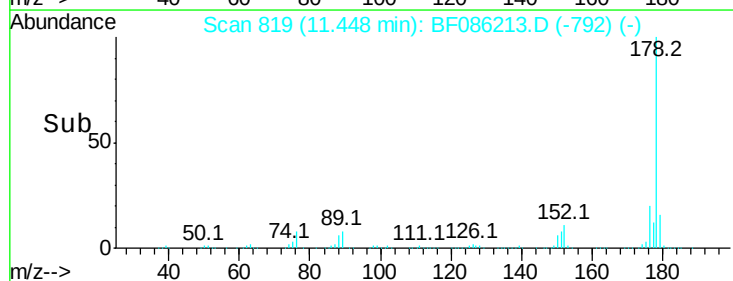
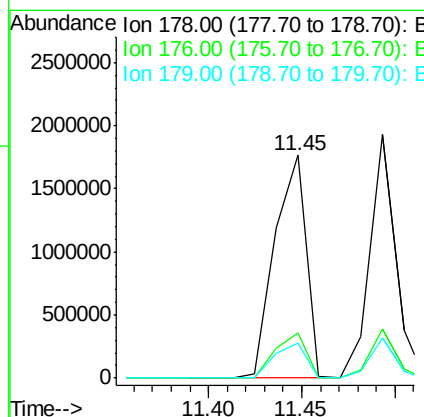
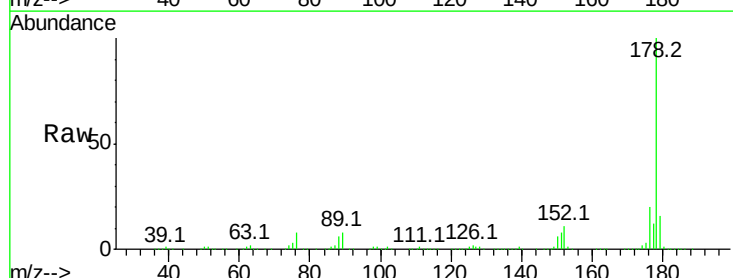
RT: 11.45 min Scan# 819

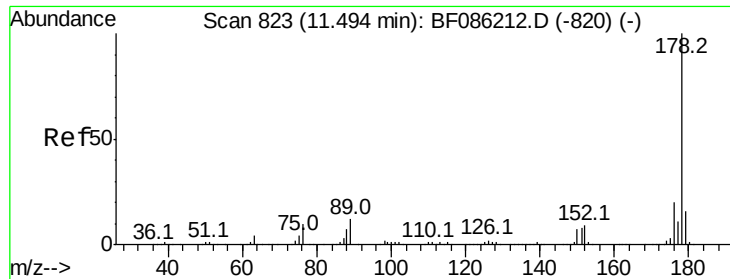
Delta R.T. 0.01 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2066850		
176	20.4	16.3	24.5	
179	15.5	13.0	19.6	





#71
 Anthracene
 Concen: 39.59 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

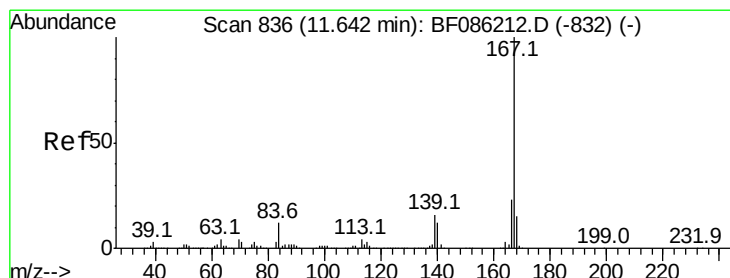
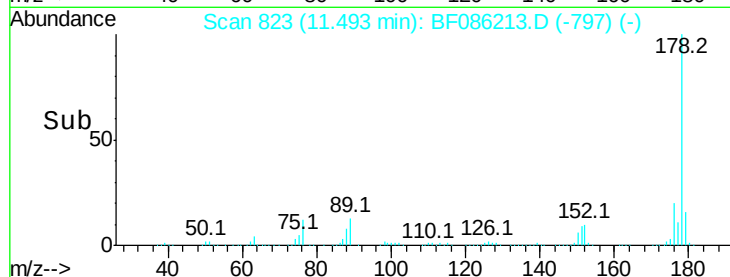
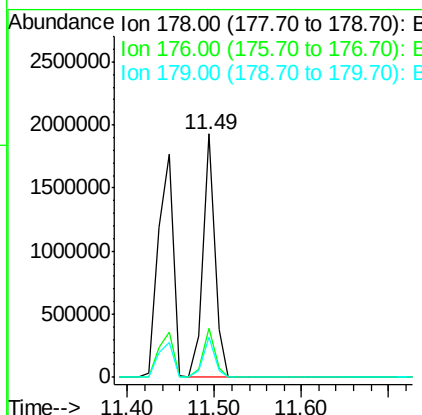
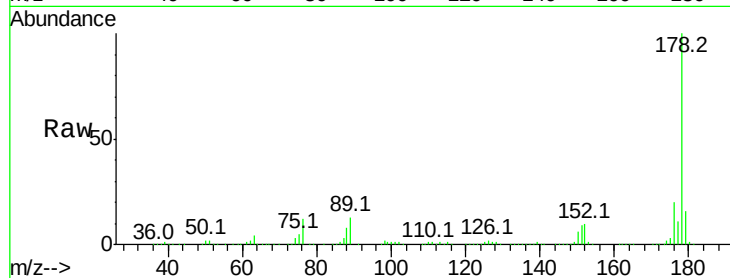
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1822859

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.4	13.2	19.8

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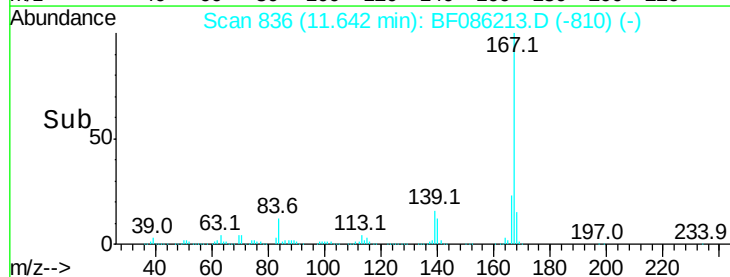
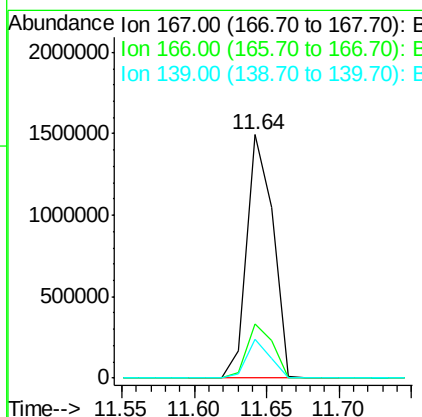
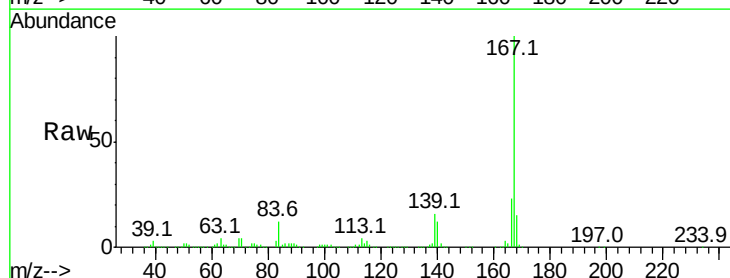
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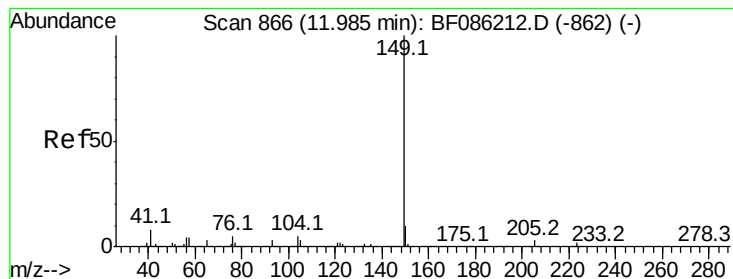


#72
 Carbazole
 Concen: 44.76 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Tgt Ion:167 Resp: 1868954

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.3	27.5
139	15.9	12.3	18.5





#73

Di-n-butylphthalate

Concen: 46.64 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2293135

Ion Ratio Lower Upper

149 100

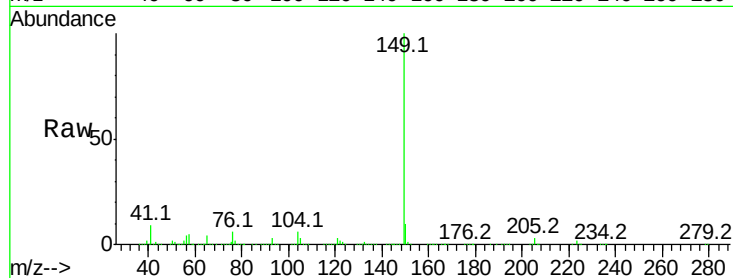
150 9.9 7.8 11.8

104 5.6 4.1 6.1

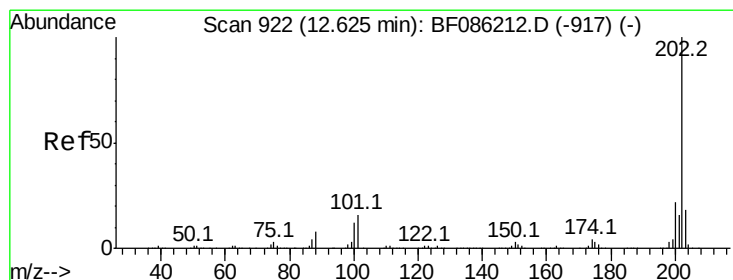
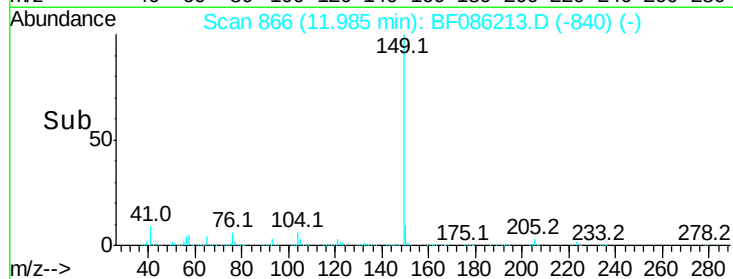
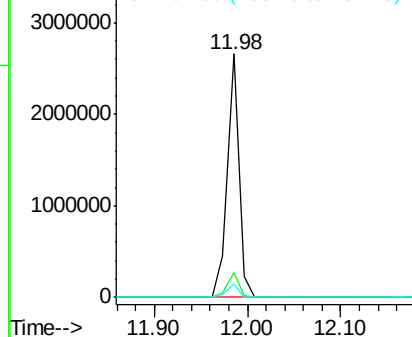
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.77 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

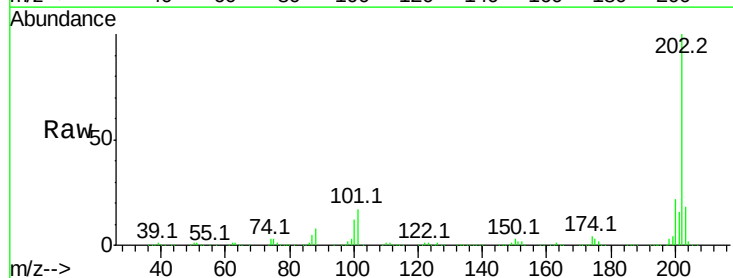
Tgt Ion:202 Resp: 1799083

Ion Ratio Lower Upper

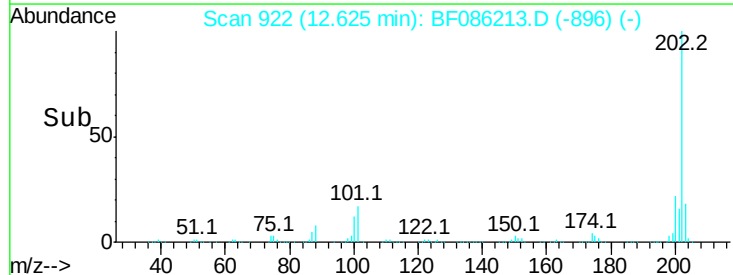
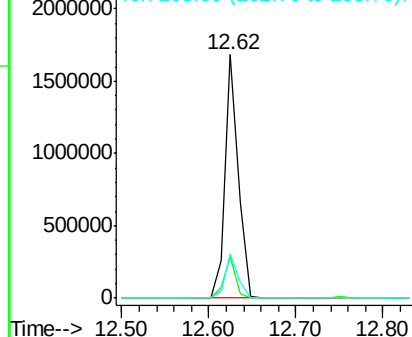
202 100

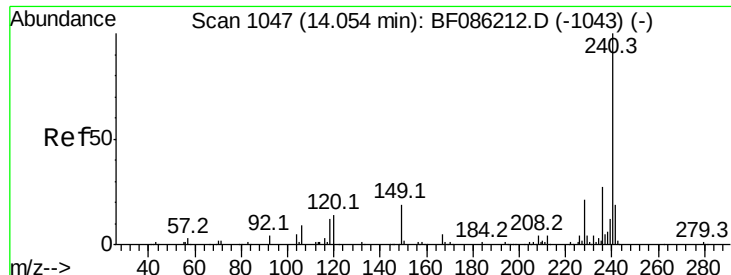
101 17.0 0.0 35.2

203 18.3 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

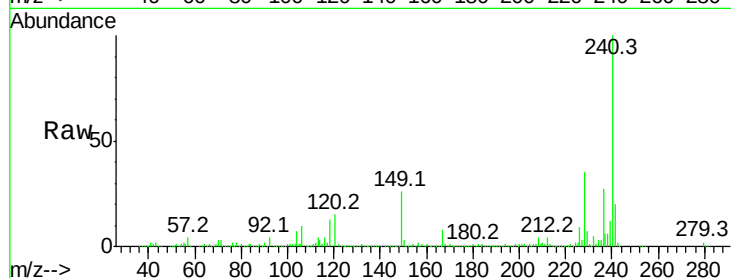
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.3	13.9#
236	27.1	21.1	31.7

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.05

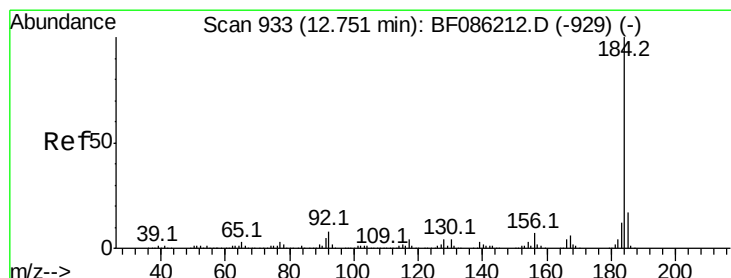
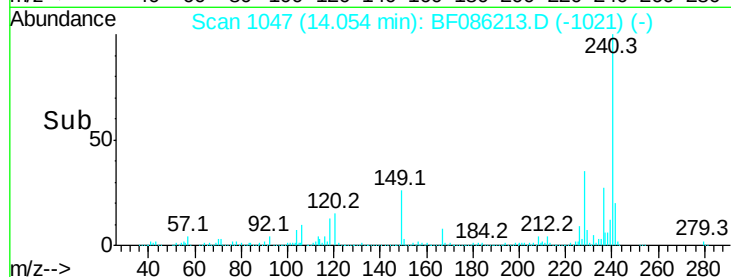
600000

400000

200000

0

Time--> 13.90 14.00 14.10 14.20



#76

Benzidine

Concen: 61.72 ng

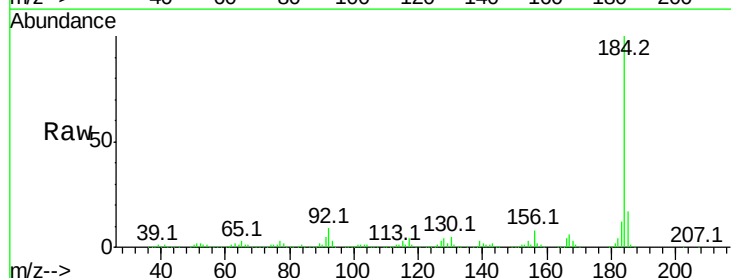
RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	14.2	21.2
183	12.4	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.75

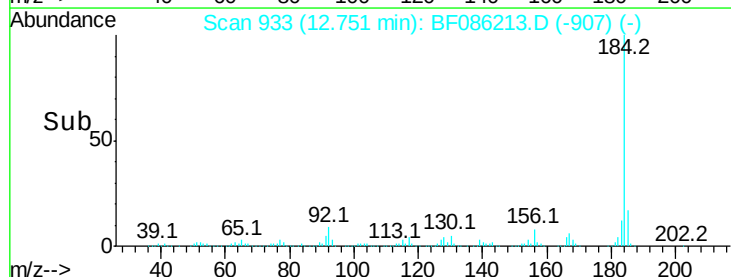
1500000

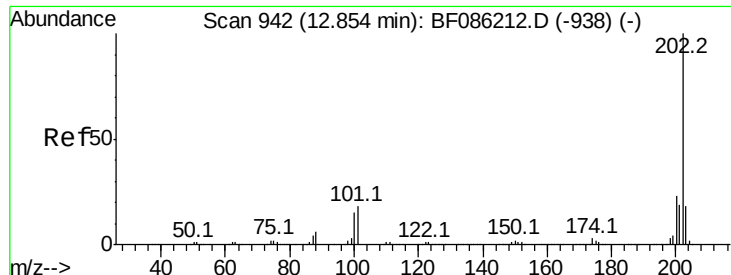
1000000

500000

0

Time--> 12.60 12.80 13.00





#77

Pvrene

Concen: 45.80 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:202 Resp: 1893688

Ion Ratio Lower Upper

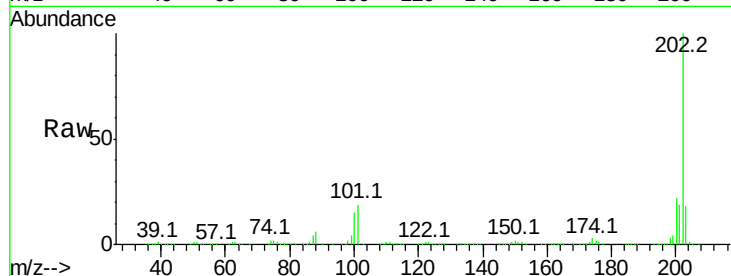
202 100

200 22.4 18.3 27.5

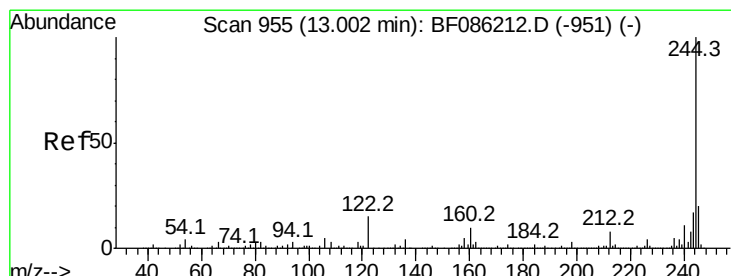
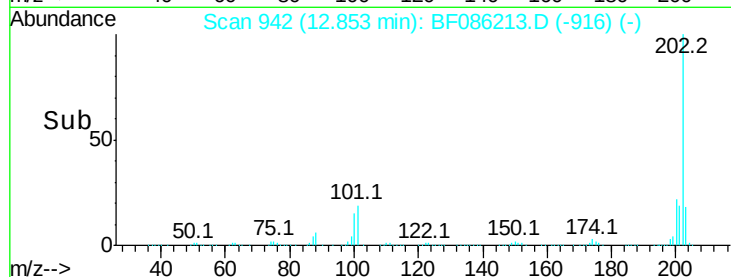
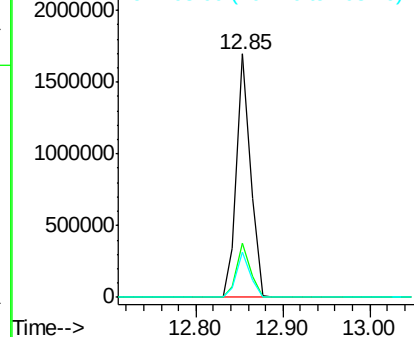
203 18.3 14.9 22.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 42.16 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

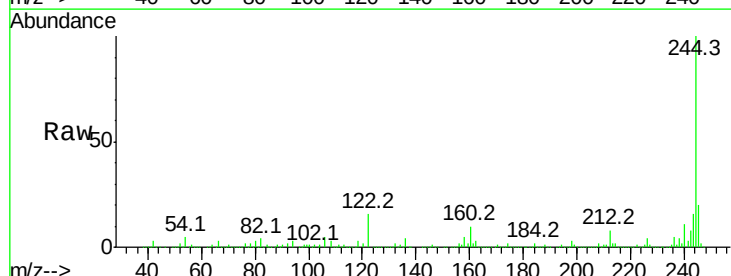
Tgt Ion:244 Resp: 1932751

Ion Ratio Lower Upper

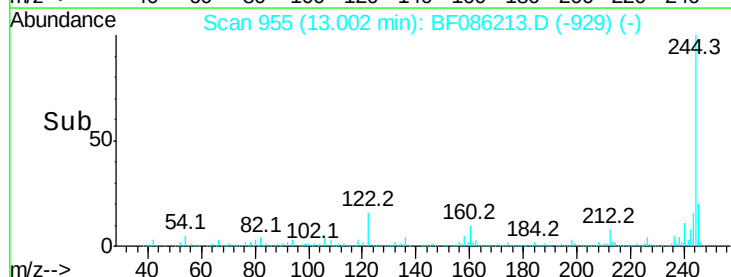
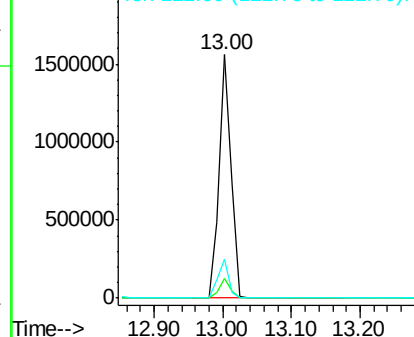
244 100

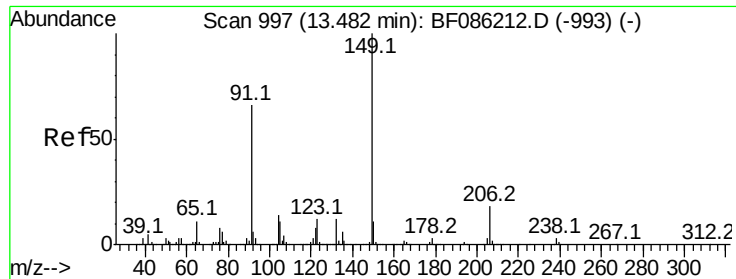
212 8.0 6.4 9.6

122 16.0 11.7 17.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 61.24 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1027261

Ion Ratio Lower Upper

149 100

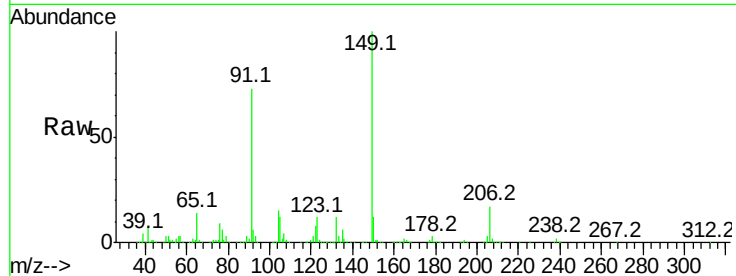
91 72.7 48.7 73.1

206 17.0 15.7 23.5

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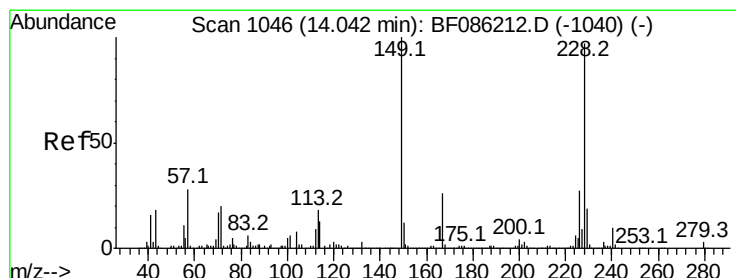
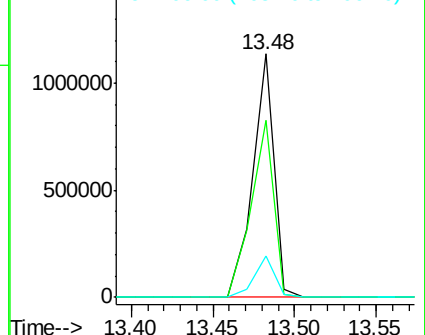
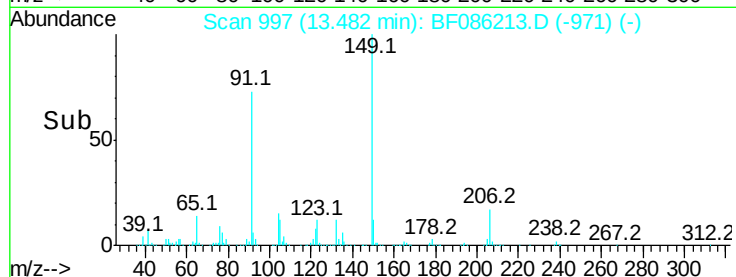
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.37 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

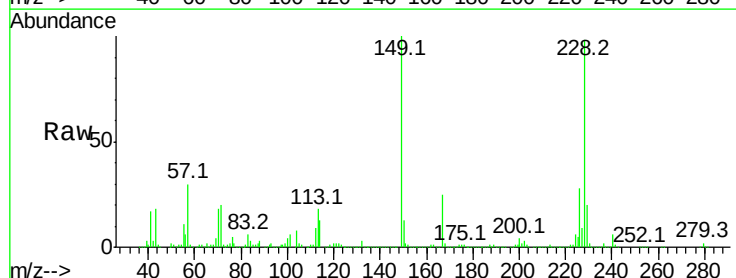
Tgt Ion:228 Resp: 1383389

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

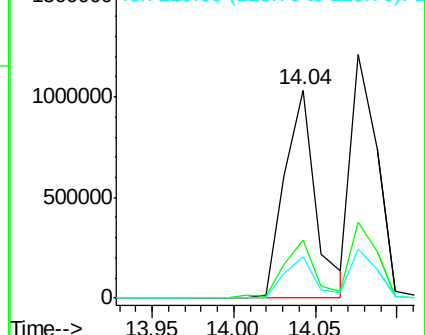
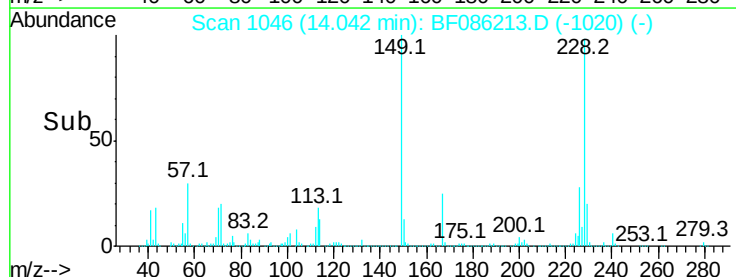
229 20.1 16.2 24.2

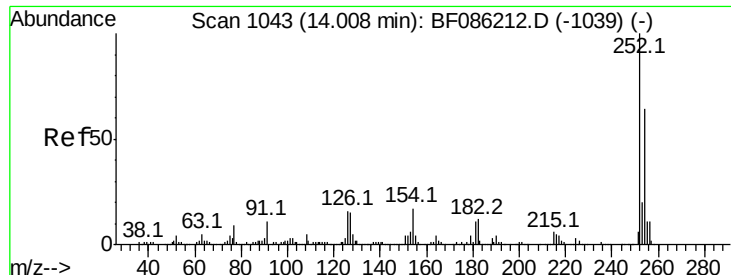


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





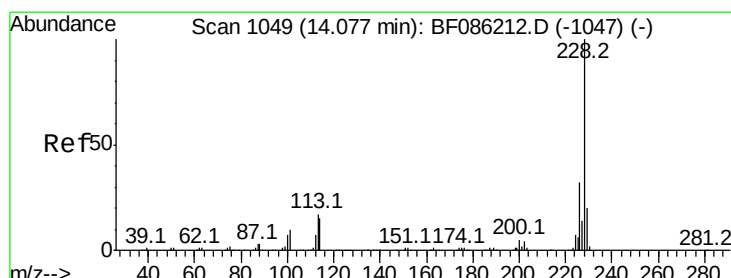
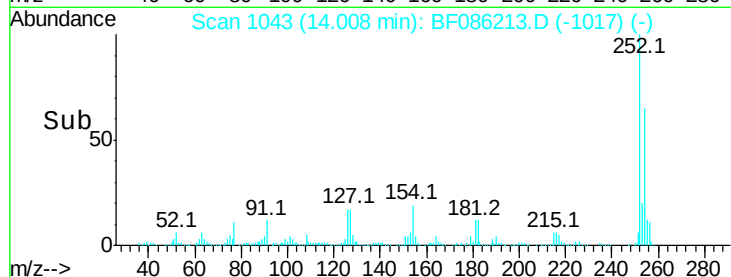
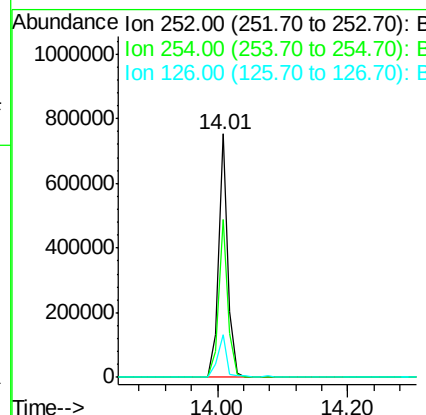
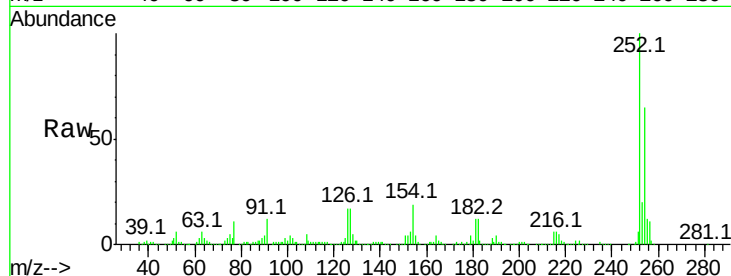
#81
 3,3'-Dichlorobenzidine
 Concen: 38.20 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100	765868		
254	64.6		52.1	78.1
126	17.5		13.2	19.8

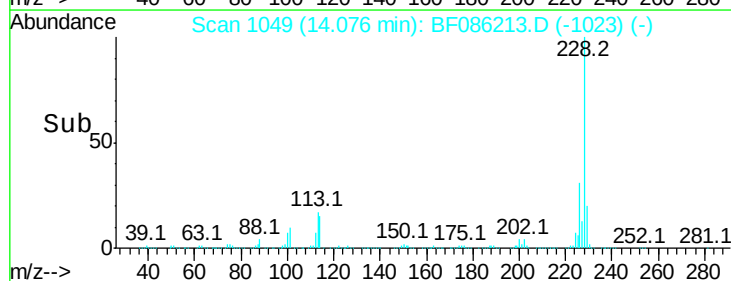
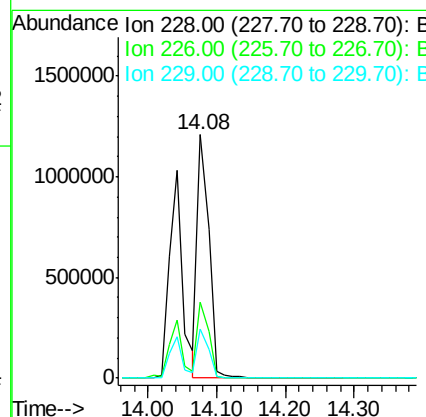
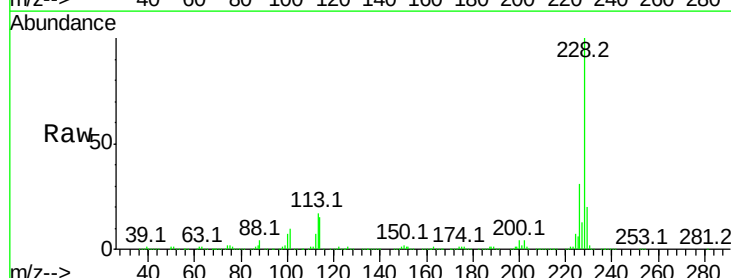
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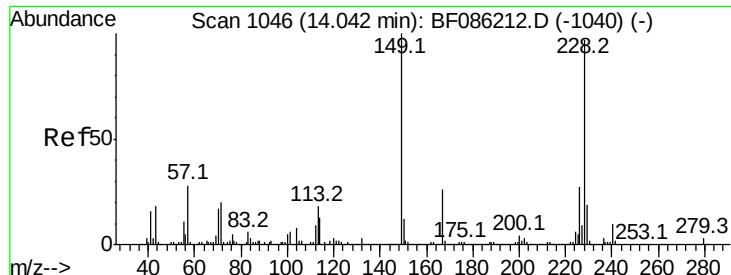
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#82
 Chrysene
 Concen: 43.66 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1391729		
226	31.1		25.4	38.2
229	20.2		16.5	24.7





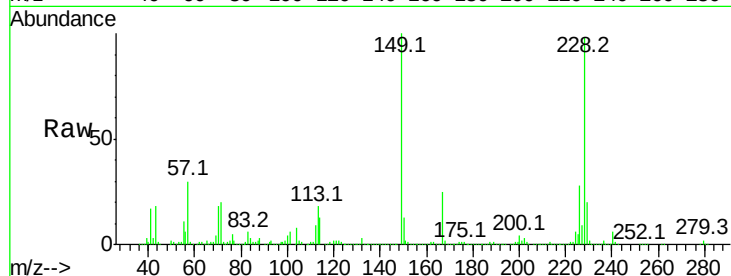
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.33 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

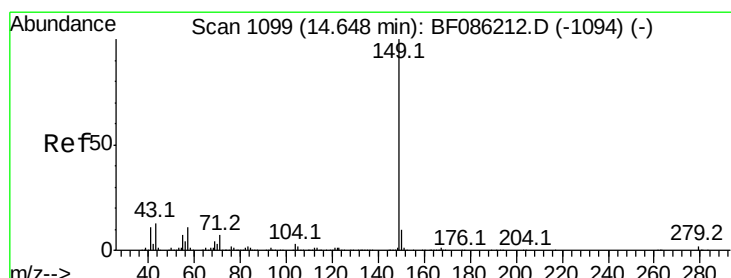
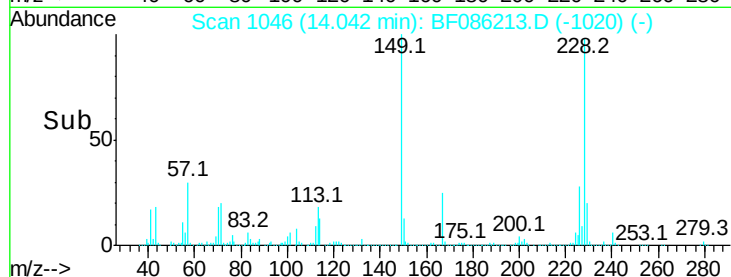
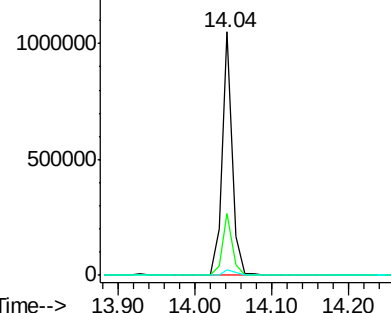
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.4	21.0	31.4	
279	2.4	2.4	3.6#	

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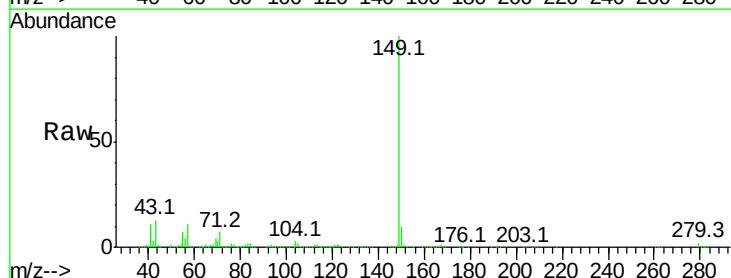


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

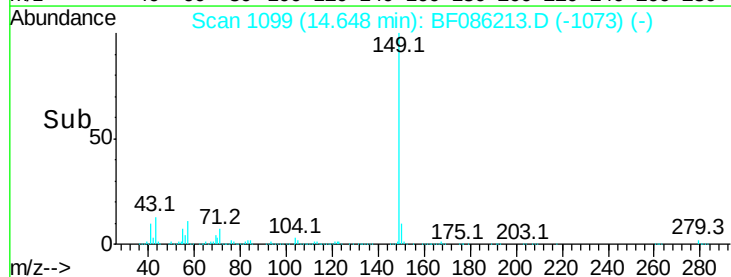
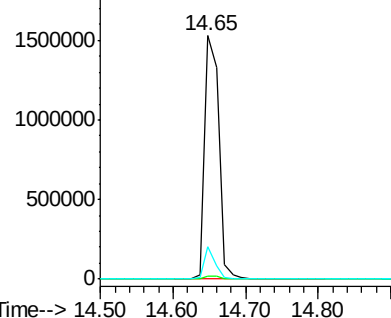


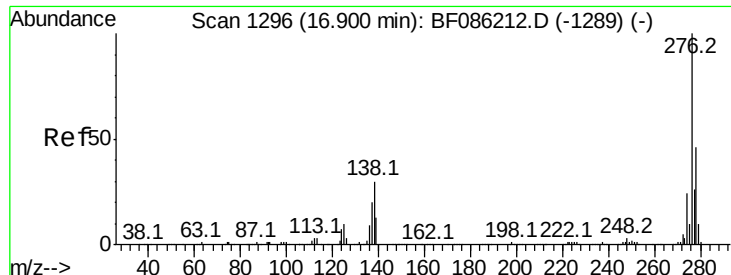
#84
 Di-n-octyl phthalate
 Concen: 57.60 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	10.2	9.1	13.7	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.83 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:276 Resp: 1332751

Ion Ratio Lower Upper

276 100

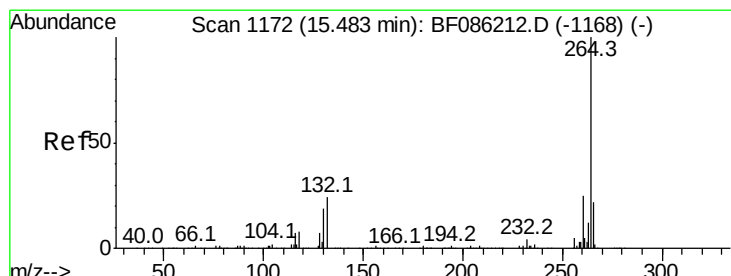
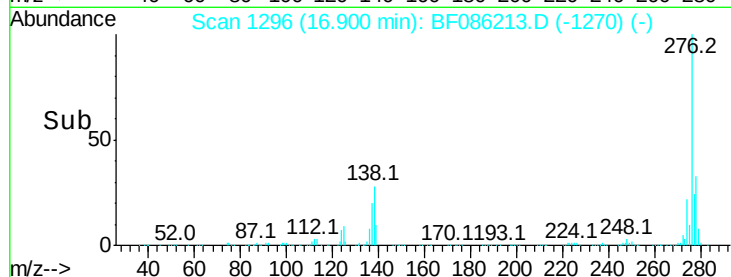
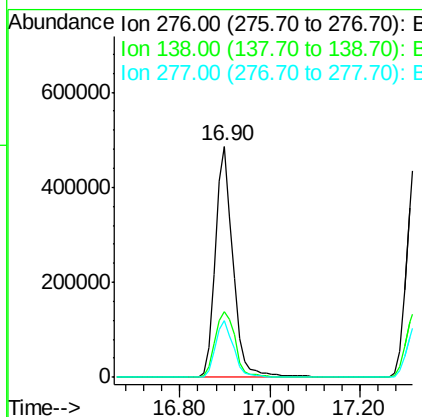
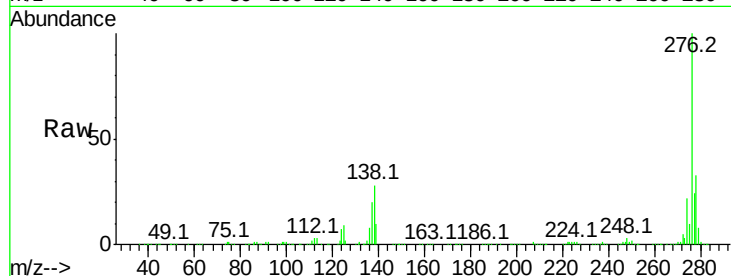
138 33.2 23.8 35.6

277 25.0 20.2 30.2

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

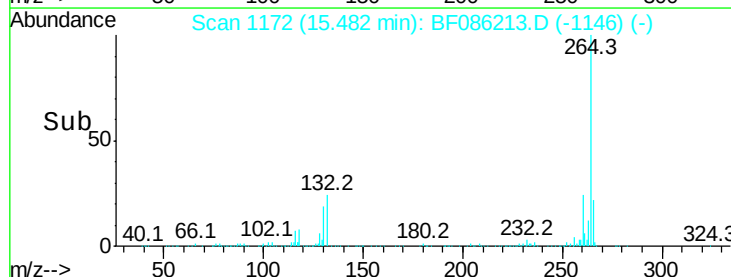
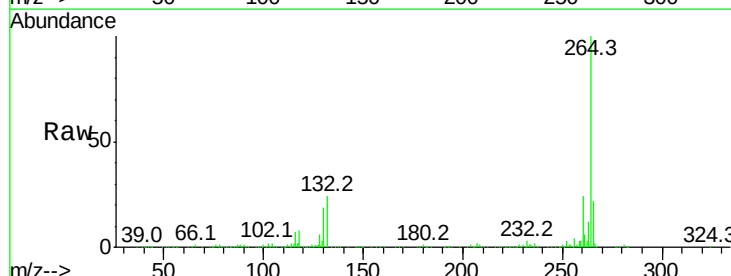
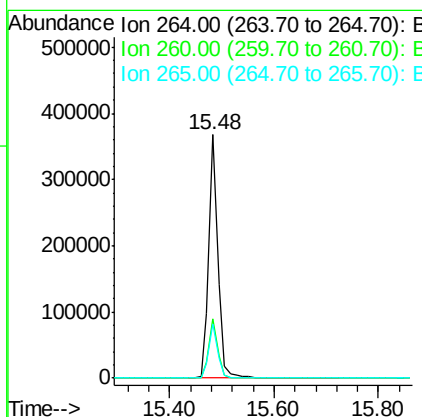
Tgt Ion:264 Resp: 447566

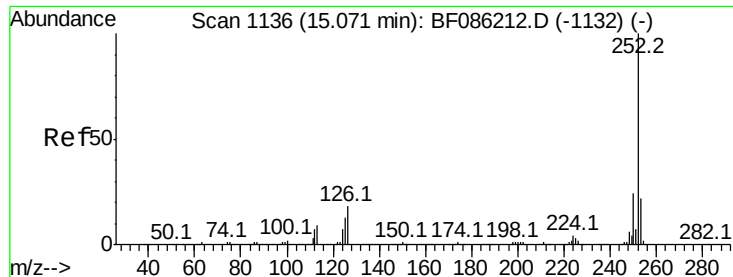
Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 22.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 44.24 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:252 Resp: 1202279

Ion Ratio Lower Upper

252 100

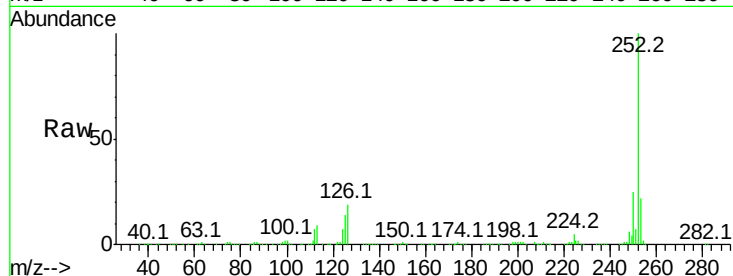
253 22.5 17.7 26.5

125 14.4 10.3 15.5

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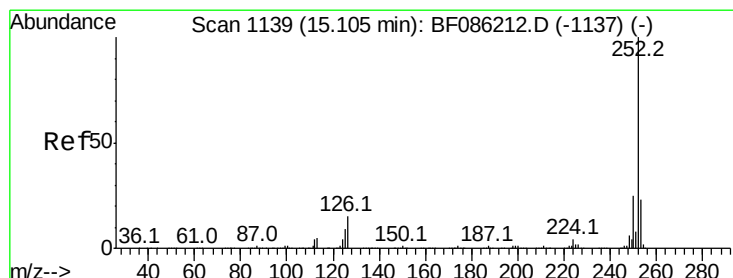
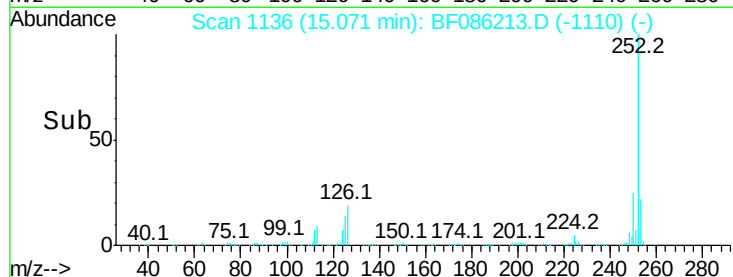
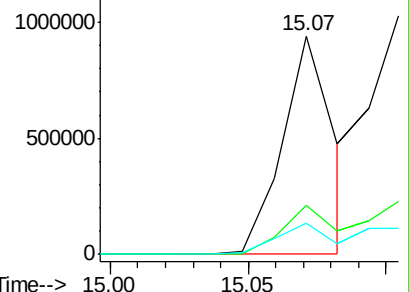
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.94 ng m

RT: 15.11 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF086213.D

Acq: 15 Apr 2016 13:25

Tgt Ion:252 Resp: 1303893

Ion Ratio Lower Upper

252 100

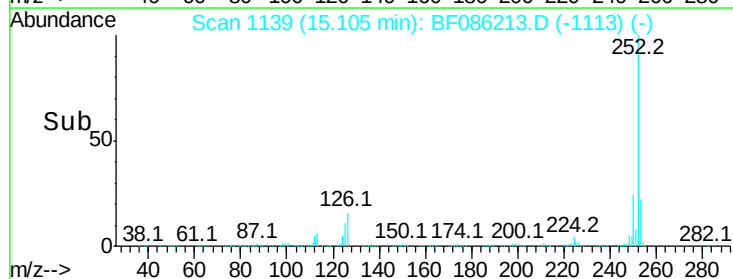
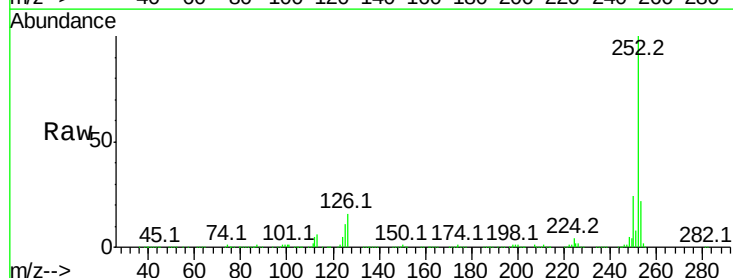
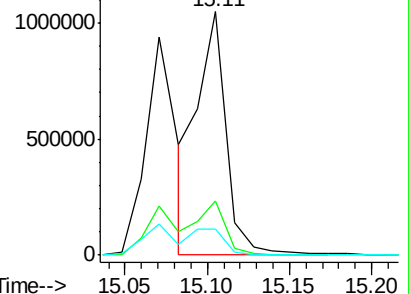
253 22.1 17.5 26.3

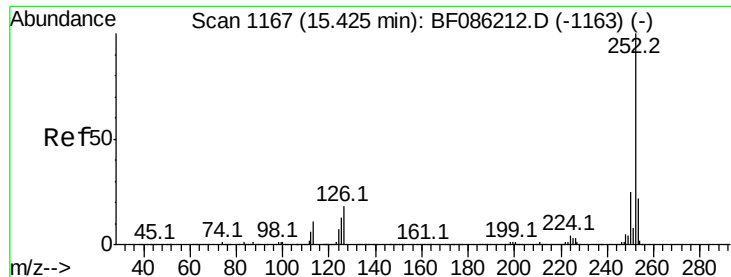
125 10.9 7.8 11.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





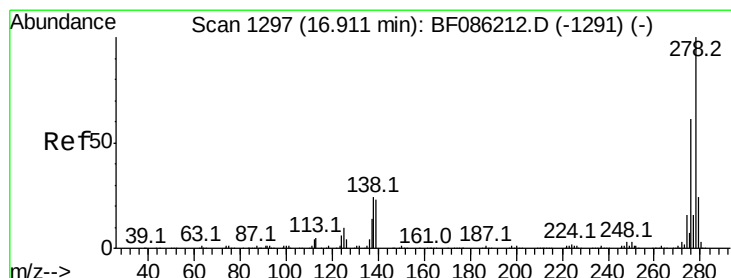
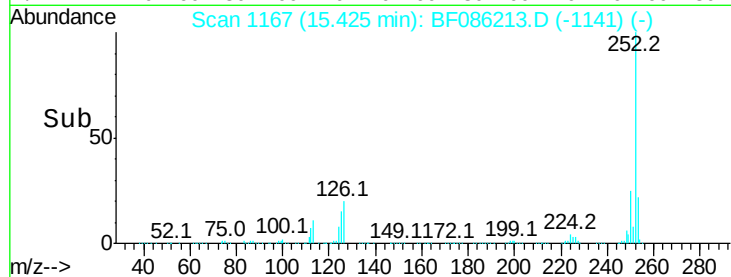
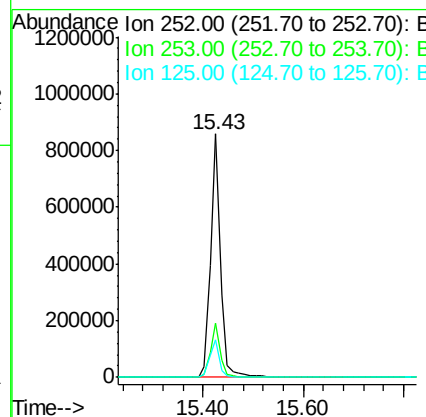
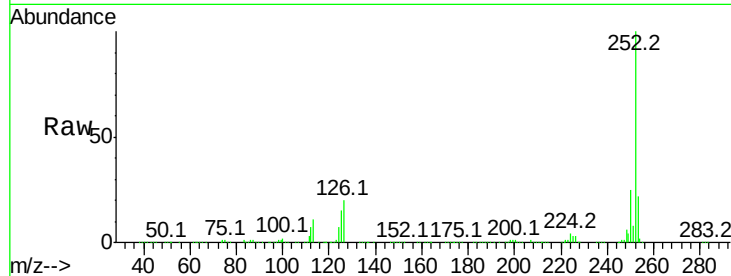
#89
Benzo(a)pyrene
Concen: 48.67 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	15.2	11.2	16.8

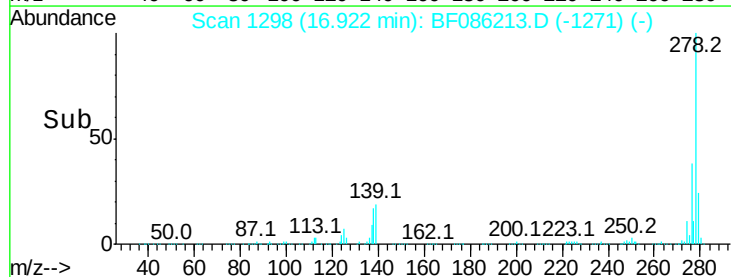
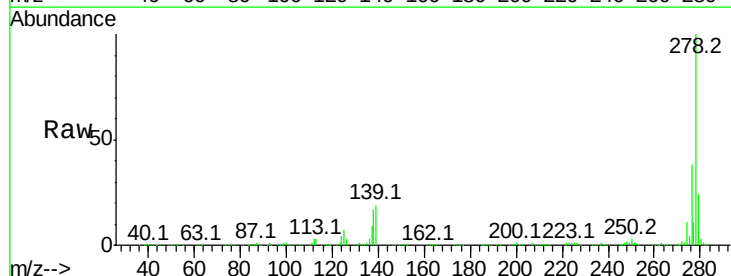
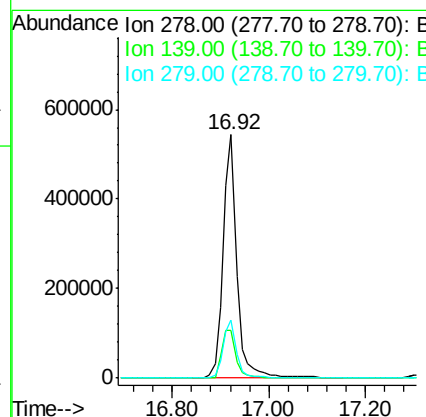
Manual Integrations
APPROVED

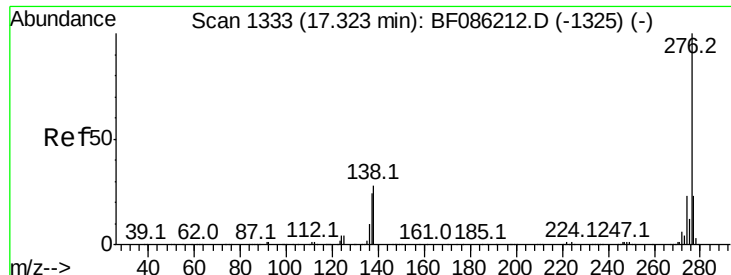
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 51.42 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF086213.D
Acq: 15 Apr 2016 13:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.3	22.9
279	23.8	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 53.45 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF086213.D
 Acq: 15 Apr 2016 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	276	Resp:	1178573
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.6
138	29.2	19.6	29.4

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